



Meeting Agenda

Capital Investment Committee

Thursday, April 28, 2022

3:30 PM

Board Room

CALL TO ORDER

APPROVAL OF MINUTES

1. Consideration Of Approval Of Minutes Of The March 24, 2022 Capital Investment Committee Meeting.

NEW BUSINESS

2. Consideration To Grant Water Availability For 6740 Manley Lane (Map 027, Parcel 03800).

Sponsors: Michelle Hatcher, Scott Andrews

3. Consideration To Grant Water Availability For 3021 Del Rio Pike (Map 051, Parcel 01300).

Sponsors: Michelle Hatcher, Scott Andrews

4. Consideration To Deny Sewer Availability For 2405 Foxhaven Drive (Map 013I, Parcel 01800).

Sponsors: Michelle Hatcher, Scott Andrews

5. Consideration To Deny Sewer Availability For 4357 Murfreesboro Road (Map 088, Parcel 03600).

Sponsors: Michelle Hatcher, Scott Andrews

6. Consideration To Deny Sewer Availability For 2340 Henpeck Lane (Map 105, Parcel 02300).

Sponsors: Michelle Hatcher, Scott Andrews

7. Consideration Of DRAFT Change Order No 3 To COF Contract 2018-0226, Sanitary Sewer Lateral Lining With BLD Services At A Cost Increase Of \$462,000.

Sponsors: Michelle Hatcher, Brian Goodwin, Patricia McNeese

8. Consideration Of DRAFT Resolution 2022-32, A Resolution Authorizing The City Administrator To Approve Agreements And The Use Of Condemnation, If Necessary, To Acquire Rights-of-Way And/Or Easements For The "Pratt Lane Bridge Replacement" (COF Project No. 2020-013).

Sponsors: Paul Holzen, Jonathan Marston, Sarah Roop

9. Consideration Of DRAFT Resolution 2022-33, A Resolution Authorizing The City Administrator To Approve Agreements And The Use Of Condemnation, If Necessary, To Acquire Rights-of-Way And/Or Easements For The "West Main Street Bridge Widening" (COF Project No. 2019-013).

Sponsors: Paul Holzen, Jonathan Marston, Sarah Roop

10. Consideration Of DRAFT Amendment 1 To COF Contract No. 2019-0233, A Professional Services Agreement With Alfred Benesch & Company For The Final Design Of The Old Peytonsville Road And Long Lane Bridge And Connector Project (COF Project No. 2019-015) At A Cost Increase Of \$103,030.

Sponsors: Paul Holzen, Jonathan Marston, David Hodnett

11. Capital Projects Dashboard And Status Updates For April 2022.

Sponsors: Paul Holzen, Jonathan Marston

OTHER BUSINESS

ADJOURN

Anyone needing accommodations due to disabilities please contact the ADA Coordinator at 615-791-3277 at least 24 hours prior to the meeting.



DRAFT Meeting Minutes

Capital Investment Committee

Thursday, March 24, 2022

3:30 PM

Board Room

CALL TO ORDER

Chairman Beverly Burger called the meeting to order at 03:33 PM

Board Members Present: Matt Brown, Brandy Blanton, Beverly Burger

Board Members Absent: Gabrielle Hanson

APPROVAL OF MINUTES

1. Consideration Of Approval Of Minutes Of The January 27, 2022 Capital Investment Committee Meeting.

Sponsors: Lanaii Benne

A motion was made by Vice Mayor Brandy Blanton, seconded by Alderman Matt Brown to Approve the Minutes. The motion Passed 3-0.

NEW BUSINESS

2. Consideration Of Resolution 2022-17, A Resolution Authorizing Condemnation For The Acquisition Of Rights-Of-Way And Easements For The Del Rio Pike Improvements Project.

Sponsors: Jimmy Wiseman

This location is north of Founder's Point - the developer is required to widen Del Rio Pike to a three-lane section and make improvements along the frontage. This has resulted in an off-site easement. There has been a struggle with one easement in particular that has title issues. The easement should have been transferred over to HOA but has not been transferred. The City is going through the condemnation process since the title is not clear. The financial impact is rolled up into the road impact fee offset agreement. The developer is only entitled to reimbursement for fees they have paid.

A motion was made by Vice Mayor Brandy Blanton, seconded by Alderman Matt Brown to Recommend Approval of the Resolution to the Board of Mayor and Aldermen. The motion Passed 3-0. This item is expected on the April 12, 2022 Board of Mayor and Aldermen for consideration.

3. Consideration Of COF Contract No. 2021-0346, Road Impact Fee Reimbursement Agreement with Patterson Company, LLC Regarding The Extension Of Market Street In The Tap Root Hills PUD Subdivision.

Sponsors: Paul Holzen, Jimmy Wiseman

When this development was brought to the Board, there were no collector impact fees established. The fees were established after this development was approved. The developer was required to improve a section of Market Street, paying \$277,220 in pact fees, which the developer paid as well as made improvements. The improvement costs were substantially more than the impact fees. The City is recommending approval but generally the policy is that the reimbursement has to be approved before development. This development was during a time that the City was in the process of adopting a policy on impact fees.

A motion was made by Alderman Matt Brown, seconded by Vice Mayor Brandy Blanton to

Recommend Approval of the Agreement to the Board of Mayor and Aldermen. The motion Passed 3-0. This item is expected on the April 12, 2022 Board of Mayor and Aldermen meeting for consideration.

4. Consideration Of DRAFT COF Contract No. 2022-0022, With Hazen And Sawyer Proposal For Reservoir Management Phase 3 Task Order For A Total Of \$29,545.

Sponsors: Michelle Hatcher

This is a budgeted amount that the City had approved last fiscal year for Hazen and Sawyer. Phase two was implemented last fiscal year. The City has varying water quality in the lake due to the Harpeth River. Due to the temperature changes in the Harpeth River, the way the water is treated in the lake changes. Hazen and Sawyer have helped the City reduce the cost of chemicals used by \$60,000 by implementing their suggestions. Phase three is the maintenance phase, which includes already scheduled monthly phone calls with Hazen and Sawyer.

A motion was made by Vice Mayor Brandy Blanton, seconded by Alderman Matt Brown to Recommend Approval of the Contract to the Board of Mayor and Aldermen. The motion Passed 3-0. This item is expected on the April 12, 2022 Board of Mayor and Aldermen meeting for consideration.

5. Consideration Of DRAFT Change Order 10 To COF Contract No. 2017-0264, With Kiewit Infrastructure South Co., For The Water Reclamation Facility Modifications & Expansion Project For A Net Decrease Of \$424,066.40.

Sponsors: Michelle Hatcher, Brian Goodwin

***Correction to the title: Replace the word "decrease" with the word "increase".**

This is for a net increase of \$424,066.40. The financial impact would also be increased.

This is the standard for parts that need to be replaced that could not be assessed until the basin was taken down. Much of the equipment was nearing its lifespan. This also includes a time extension of 7 days. Once this gets approved, Kiewit will be in liquidated damages, the City will be recovering \$5,000/day since Kiewit is passed their contract completion deadline. The substantial completion is now slated for September instead of the February deadline. Once the project is completed, the City would deduct this cost from the total cost.

The contingency number is accurate at \$772,432.22.

A motion was made by Alderman Matt Brown, seconded by Vice Mayor Brandy Blanton to Recommend Approval of the Contract to the Board of Mayor and Aldermen. The motion Passed 3-0. This item is expected on the April 12, 2022 Board of Mayor and Aldermen meeting for consideration.

6. Consideration To Deny Sewer Availability At 1111 Beech's Tavern Trail (Map 053 Parcel 01000).

Sponsors: Michelle Hatcher

This property is located behind Highgate Subdivision. The property is currently on septic; a new septic field is required.

A motion was made by Alderman Matt Brown, seconded by Vice Mayor Brandy Blanton to Recommend Denial of the Sewer Availability to the Board of Mayor and Aldermen. The motion Passed 3-0. This item is expected on the April 12, 2022 Board of Mayor and Aldermen meeting for consideration.

OTHER BUSINESS

Franklin Road: Status update - Still working on getting substantially completed in July - the roadway is operational, the sidewalk is open, the lights are working. There will be some punchlist items and landscaping by September.

T-DOT has not started the design of the bridge on Franklin Road. This is an approved project.

Lancaster/Old Liberty Pike: Waiting for delivery of the final pole. Working on getting the foundation drilled.

Columbia Avenue: Process of working with a consultant team on appraisals and working on right-of-way. This is currently on hold with TDOT for environmental impact at the south end of the project.

The City is working on bidding out the Thompson Alley Project and Robinson Lake Dam.

T-Dot is opening bid, March 24, 2022, on repaving 96W to Murfreesboro.

ADJOURN

A motion was made by Alderman Matt Brown, seconded by Vice Mayor Brandy Blanton to Adjourn. The motion Passed 3-0.

The meeting adjourned at 4:06 P.M.

Beverly Burger, Chair

Minutes Prepared by Cayce Anderson, Records Technician, April 21, 2022



File #: 21-03152

DATE: April 18, 2022
TO: Capital Investment Committee
FROM: Michelle Hatcher, Director of Water Management
Scott Andrews, Utilities Engineer II

SUBJECT:

Consideration To Grant Water Availability For 6740 Manley Lane (Map 027, Parcel 03800).

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning a recommendation for approval of a request for water availability for the above referenced property.

BACKGROUND/STAFF COMMENTS:

Date of Request: 2/25/2022.
SFUE's Requested: 30.
Domestic Water Meter Size(s): Thirty ¾" meters.

This property is located outside of the City limits, north of the Grassland Estates subdivision. The area is within our water service area. Thirty single family homes are planned for this property. The applicant has requested approval. These potential homes were added to the model of our water distribution system and no detrimental effects to the system are predicted as a result of serving this property.

FINANCIAL IMPACT:

N/A

RECOMMENDATION:

Staff recommends that this availability request be recommended for approval by the Board of Mayor and Aldermen, contingent on the water for this project being installed in such a way that it creates a looped system with a dual feed, for redundancy and water quality purposes.



Request for Water and/or Sewer Availability & Associated Costs

Please fill in the following information & return this form with the site plan per directions below. Incomplete forms will result in the request being returned until all of the information is included. Refer to the attached memo for fees and additional information.

Type of Availability Requested:		CHECK ALL THAT APPLY: ☒ Water ☐ Sewer	
Project Name & Subdivision, Section, Lot #		6740 Manley (30-lot subdivision) Name not available at this time	
Map & Parcel(s) #		Map 27 Parcel 38	
Property Address:		6740 Manley	
City Project # (If Applicable)			
# of Dwelling Units (If Residential)		30 lots	
Applicant's Name & Company		Grove Park Construction	
Applicant's Address		PO Box 2966 Brentwood, TN 37024	
Applicant's Email & Phone #		Caldwell@grovetparkconstruction.com	
Anticipated Water Meter Size(s) (see chart on pg. 3).		1"	
Water District:		City of Franklin	
Sewage Flow Calculations: Use the City of Franklin projected flow examples sheet -pg.4 No sewer.			
use additional sheets as necessary			
Anticipated sewage flows: Information Required for Sewer Service			
If County is requiring this request please indicate if you are requesting an approval or denial:		☐ DENY my Request ☒ APPROVE my request *approval or denial is approved by BOMA, indication here is not a guarantee for approval or denial*	

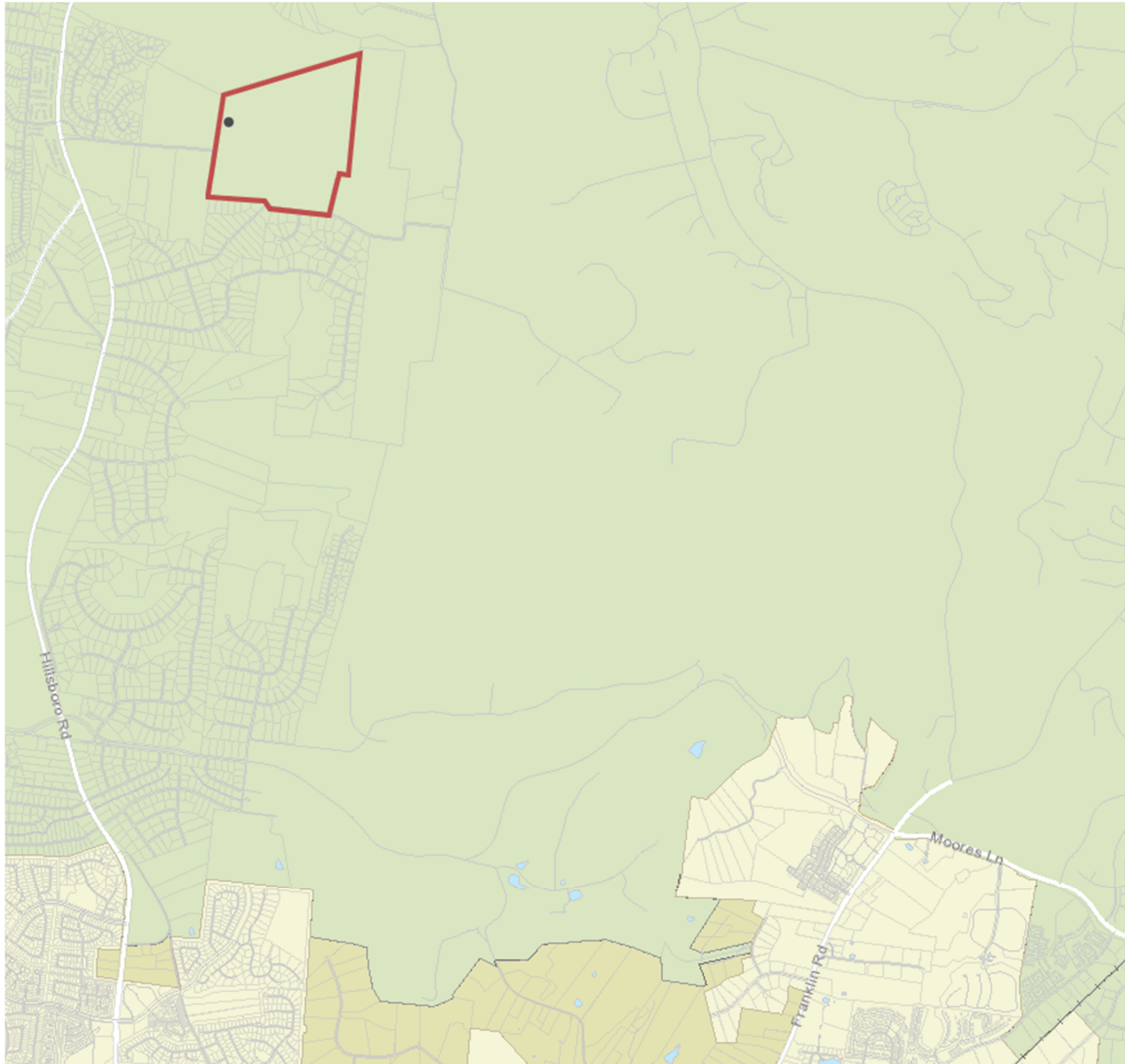
MUST SUBMIT A LOCATION MAP (FOR EX: GOOGLE MAP)

Email Application to: availability@franklintn.gov

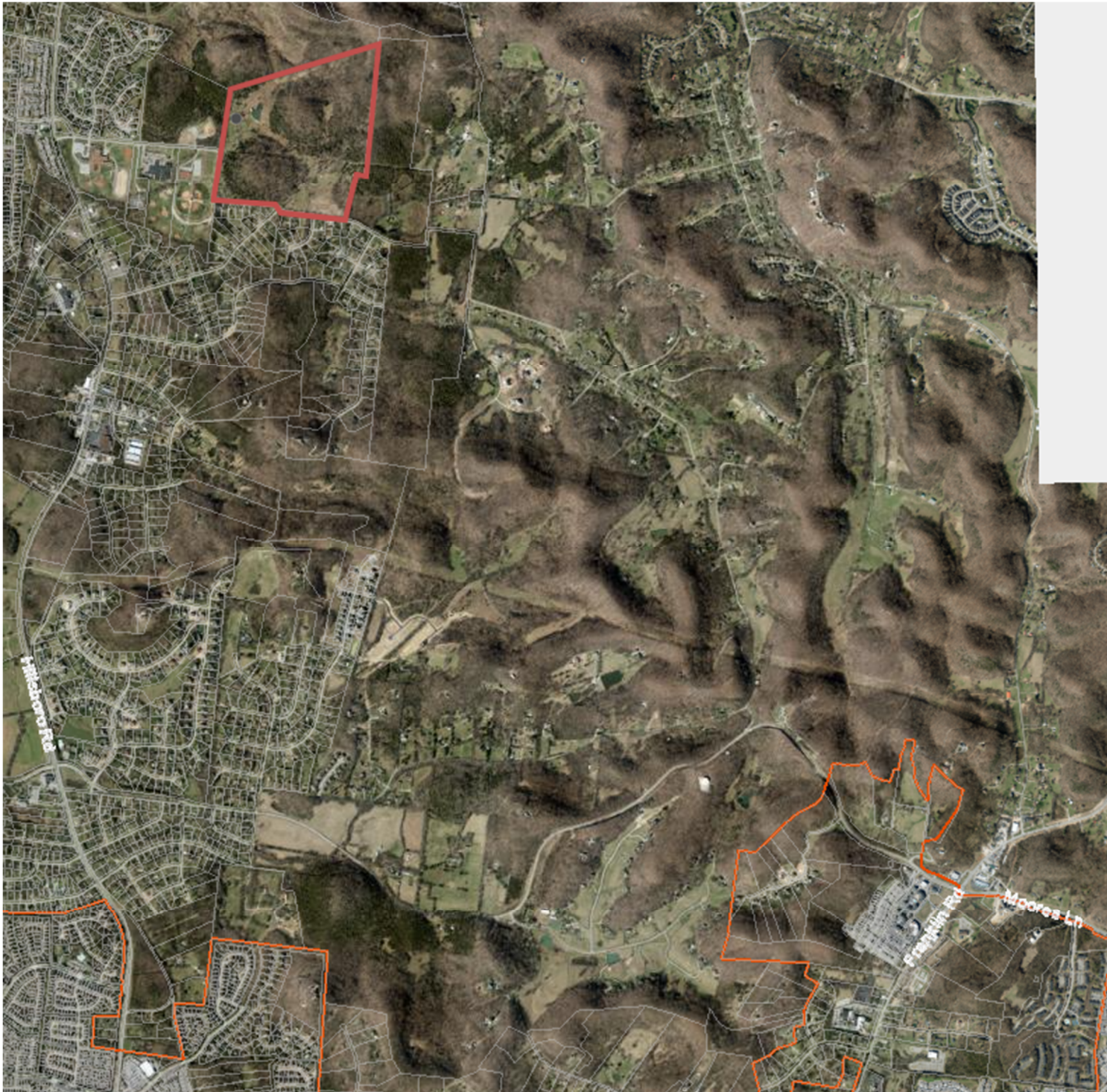
For additional information or questions please call: 615-794-4554

Date Submitted: 225.2002

LOCATOR MAP



LOCATOR MAP (Aerial view)



Neighborhood View





File #: 21-03173

DATE: April 21, 2022
TO: Capital Investment Committee
FROM: Michelle Hatcher, Director of Water Management
Scott Andrews, Utilities Engineer II

SUBJECT:

Consideration To Grant Water Availability For 3021 Del Rio Pike (Map 051, Parcel 01300).

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning a recommendation for approval of a request for water availability for the above referenced property.

BACKGROUND/STAFF COMMENTS:

Date of Request: 5/10/2021.
SFUE's Requested: 130.
Domestic Water Meter Size(s): Various.

This property is located west of the City limits, north of Westhaven. The property is contiguous to the City limits and was denied sanitary sewer June 8, 2021. This property was also part of the group of properties that stated, during discussions of this sub-basin, that they did not want to be part of the City in the future. The City's sanitary sewer infrastructure plan was altered as a result of leaving this property and the other properties out of the planning.

FINANCIAL IMPACT:

N/A

RECOMMENDATION:

Staff recommends that this availability request be approved by the Board of Mayor and Alderman, contingent on the water for this project being installed in such a way that it creates a looped system with a dual feed, for redundancy and water quality purposes. Annexation is not recommended as a contingency.



Type of Availability Requested: **CHECK ALL THAT APPLY:** ☒ Water ☐ Sewer

Sewage Flow Calculations: *Use the City of Franklin projected flow examples sheet –pg.4*

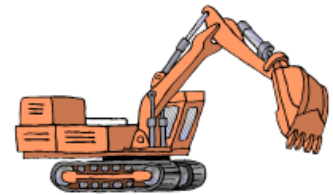
Anticipated sewage flows: Information Required for Sewer Service

MUST SUBMIT A LOCATION MAP (FOR EX: GOOGLE MAP)

Date Submitted: 05/07/21

MEMO

TO: Applicant
FROM: Water Management Department
DATE: May 2018
RE: Request for Water and/or Sewer Availability & Associated Costs



When considering development of a tract of land, one of the first steps a developer (or their design professional) should complete is the application for water and sewer availability. **Planned Unit Developments MUST have approved availability to be approved.**

The following items **SHALL** be included with a water and/or sewer availability request:

- Completed Application (ALL sections must be filled in)
- Project location map & Utility Plan (if available)
- Sewage Calculations (For Development projects only; Individual Single Family Homes are not required to submit these calculations).

Email Application to: availability@franklinton.gov

For additional information or questions please call: 615-794-4554

There is a 30 day maximum turnaround time for the requests. Unless your request requires Board of Mayor & Aldermen (BOMA) approval then applicant will be notified of the date of the BOMA meeting at which your request will be brought up.

THE AVAILABILITY IS GRANTED BASED ON THE FOLLOWING TIME PERIODS:

- Construction plans are to be prepared and **submitted within one year from the granting of availability.**
- Construction of the water and sanitary sewer **improvements shall begin within one and one-half (1 ½) years from the granting of availability.**

OTHER RELATED INFORMATION:

- Pump stations and force mains are not allowed if the development can be served by extension of gravity sewer.
 - Any necessary Pump Station or Force Main shall be subject to approval by Water Dept. Director.
- **No customer shall supply water service to more than one dwelling or premise from a single service line.**

PROPERTIES OUTSIDE OF CITY LIMITS:

Per **Resolution 2015-32**: Annexation shall be required as a condition of approval for all properties outside the City Limits whether within the City's Urban Growth Boundary, or not, in order to be granted sanitary sewer availability. Annexation shall occur at such time the property becomes contiguous to the City's corporate limits or as determined by the Board of Mayor and Alderman.

- Applicant shall be required to sign the Annexation Agreement **after** Availability Request is approved by BOMA, and **before** the approved letter is issued.

SINGLE FAMILY APPLICANTS:

- Not all portions of the application will apply, please mark NA to those sections.
- If a main line extension is necessary you will be required to submit a plan & profile set for review and approval.

MAIN LINE EXTENSION REQUIRED FOR SERVICE:

Plans shall be submitted for approval:

- Plans shall include: Site Layout & Location, Existing Utilities, Grading & EPSC, Plan & Profile, and Applicable Details.
- Include Final hydraulic analysis of the line/s. Use the City's standards for flow calculations.
- Water and Sewer Specifications are available on-line (in pdf form) for the convenience of the developer's engineer:
<http://www.franklinton.gov/government/engineering/development>

CURRENT SEPTIC SYSTEMS/APPLICANTS WITHIN THE COUNTY:

- Williamson County requires residents wishing to modify the septic system to first request availability with the City. You are required to complete the application and indicate whether you are requesting a denial or approval. (Indication does not guarantee final decision. BOMA must approve or deny your request).
- Septic System must be decommissioned per County standards:
<http://www.williamsoncounty-tn.gov/index.aspx?NID=126>

If you have any questions concerning this request, contact the City of Franklin Water Department at (615) 794-4554.

Tap Related Fees* *Does not include \$25 New Account Set up Fee*

Fee Description:	Applicable Utility	Fee Amount:
System Development Fee (SDF)	Water & Sewer	See Charts Below (based on meter size)
Access Fee	Water & Sewer	See Charts Below (based on meter size)
Effluent Disposal Fee (EDF)	Sewer	See Charts Below (based on meter size)
Tap Fee	Water & Sewer	See Charts Below (based on meter size)
Irrigation Fee	Water & Reclaim Water	See Charts Below (based on meter size)
Fire Sprinkler Fee (SDF)	Water (fire)	\$500 per diameter inch of connection line

Effective March 1, 2008, the fees and installation costs are as follows and are paid to the Building & Neighborhood Services Dept. 615-794-7012

WATER * City of Franklin Wat							
Meter Size	SFUE	GPM	SDF	Access Fees	Irrigation Meter ¹	Tap Existing ²	City making Tap ³
¾"	1	12.5	\$903	\$1,186	\$3,150	\$315	\$756
1"	13	50	\$3,612	\$4,746	\$4,725	\$374	\$897
1 ½"	30	120	\$8,619	\$11,390	\$6,300	\$656	\$1,444
2"	40	160	\$11,558	\$15,187	\$7,875	\$1,362	\$2,223
3"	88	350	\$25,284	\$33,222	\$9,450	\$1,581	\$3,654
4"	125	500	\$36,120	\$47,460	\$11,025	\$2,668	\$5,492
6"	300	1200	\$86,688	\$113,904	\$12,600	\$4,723	\$7,387
8"	375	1500	\$108,360	\$142,380	\$14,175	\$10,293	\$14,110

SEWER (Fees are based on water meter size regardless of water district)							
Meter Size	SFUE	GPM	SDF	Access Fee	Effluent Disposal ⁴	Tap Existing ²	City Making Tap ³
¾"	1	12.5	\$1,444	\$2,100	\$450	\$263	\$1,240
1"	13	50	\$5,775	\$8,400	\$1,800	\$263	\$1,240
1 ½"	30	120	\$13,860	\$20,160	\$4,320	\$263	\$1,240
2"	40	160	\$18,480	\$26,880	\$5,760	\$263	\$1,240
3"	88	350	\$40,425	\$58,800	\$12,600	\$263	\$1,240
4"	125	500	\$57,750	\$84,000	\$18,000	\$263	\$1,240
6"	300	1200	\$138,600	\$201,600	\$43,200	\$263	\$1,240
8"	375	1500	\$173,250	\$252,000	\$54,000	\$263	\$1,240

1- Irrigation Fees Include Meter Fee & \$25 Application Fee Only

3- City Installs Tap & Meter

2- Contractor Installs Tap & Meter – Subject to Addnl' Inspections

4- Fee Goes to Establishing Effluent Water System; paid with all Sewer Services

*** All Fees shall be paid prior to the issuance of a Building Permit or Utility Inspection, whichever occurs first. ***

Private Fire Hydrant and Sprinkler Systems – The SDF for connection of private fire hydrants and sprinkler system lines to the City of Franklin's (COF) lines shall be **\$500 per inch diameter of connection** to the City's lines. Radio-read meters will be required on all private fire hydrant and sprinkler systems.

UTILITY PERMIT RELATED FEES: **PAID WITH PERMIT, NOT WITH AVAILABILITY REQUEST:**

Only applicable if extending the water, sewer or reclaim water main lines.

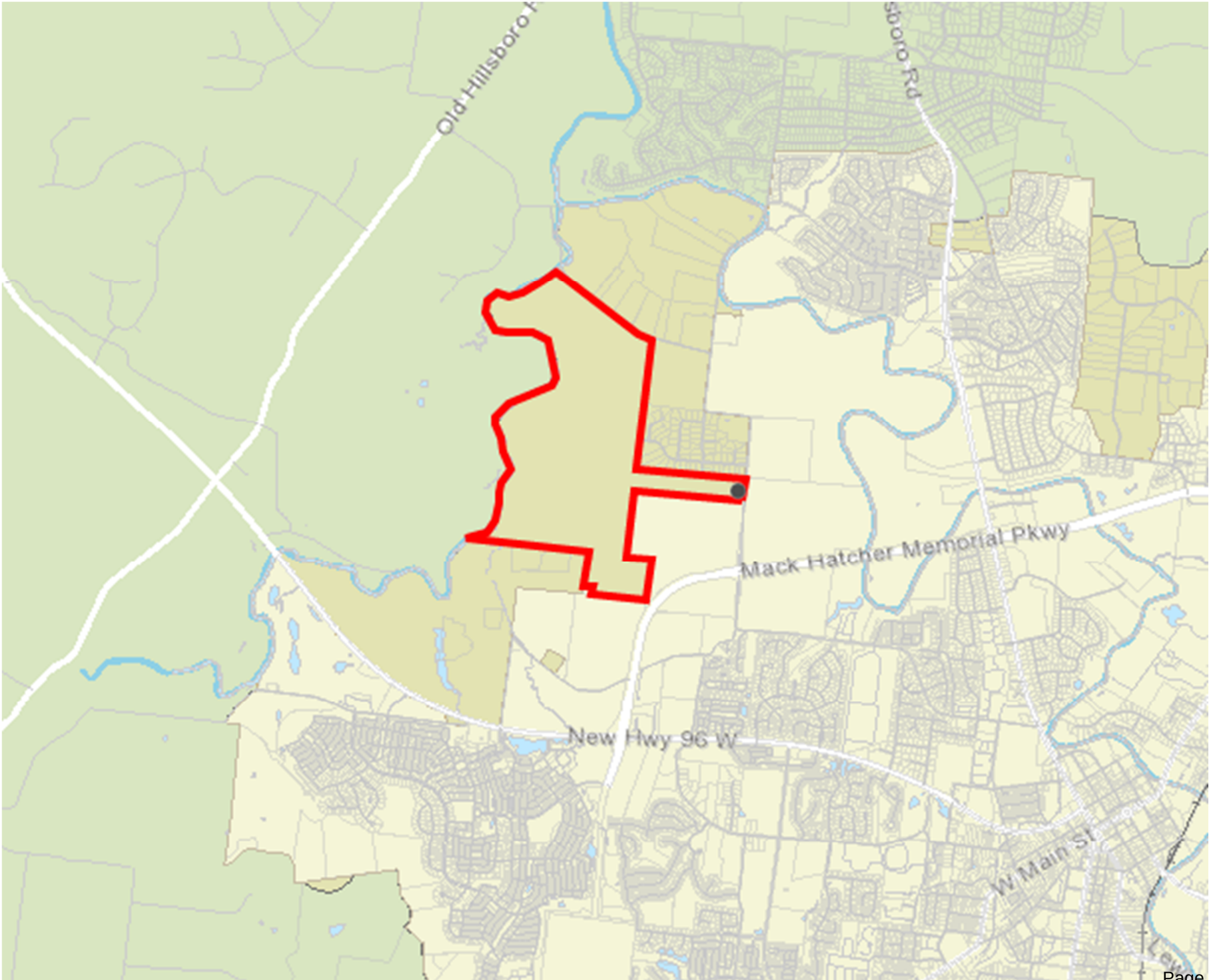
Fee Description	Applicable Utility	Fee Amount
Plan Review Fee	Water, Sewer & Reclaim Water	\$300 Water; \$300 Sewer & \$300 reclaim Water
Inspection fees:	Fee Rate	
Water Main Line	\$1.25/LF Water (minimum \$ 1,000)	
Sewer Gravity Main Line	\$2.00/LF (minimum \$1,000)	
Sewer Force Main Line	\$1.50/LF (minimum \$1,000)	
Reclaim Water	\$1.25/LF (minimum \$1,000)	

Checks are made payable to the City of Franklin. Please indicate what the payment is for on the check.

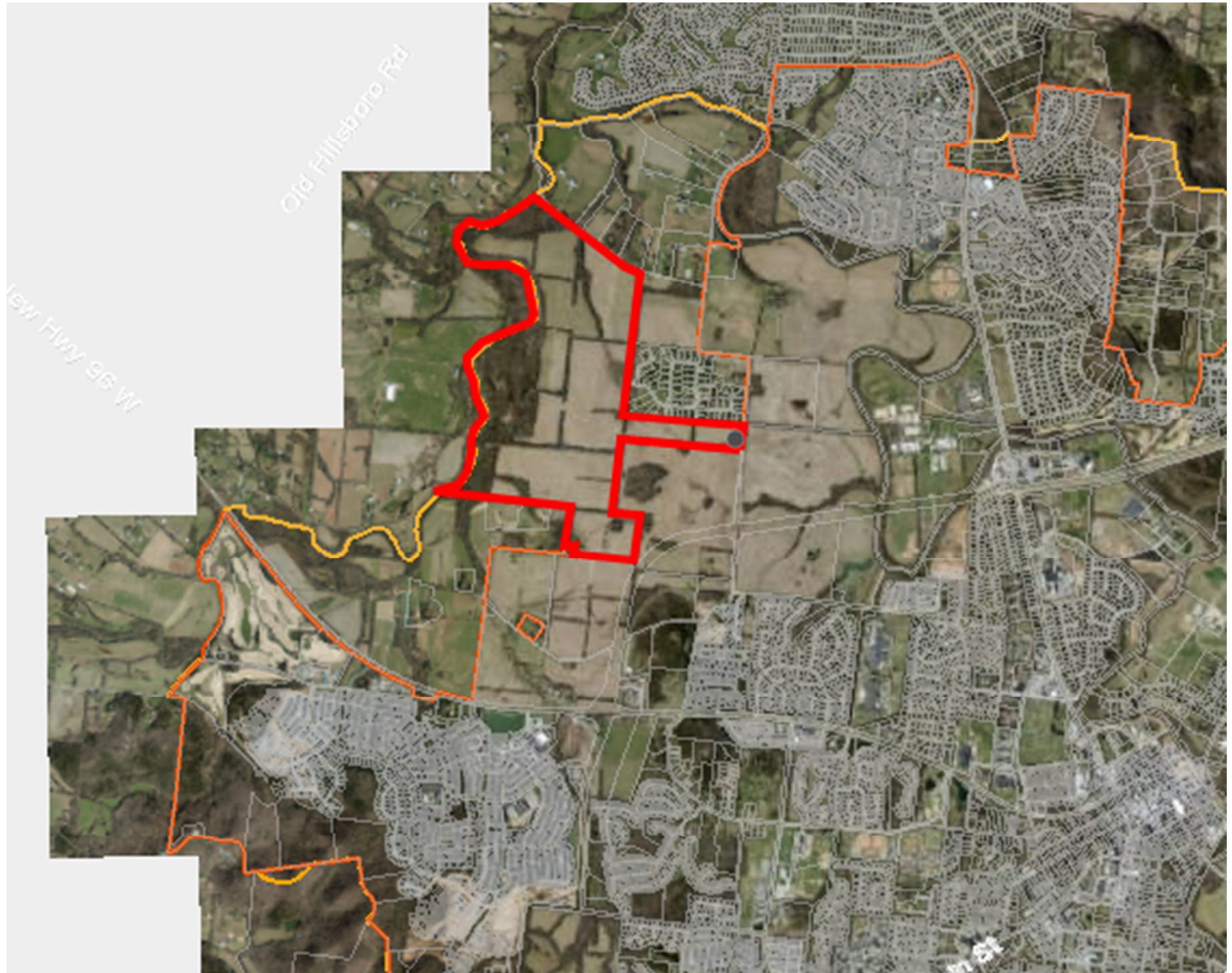
3 Projected Flow Examples

Drainage Facility	Flow in GPD	Design Units
Apartments -One Bedroom	250	per unit
Apartment -Two Bedroom	300	per unit
Apartment -Three Bedroom	350	per unit
Mobile Home Parks	300	per mobile home space
Single Family Dwelling	350	per unit
Assembly Hall (No Food Service)	2	per seat
Beauty Shop, Styling Salon	200	per station
Bowling Alleys (no food service)	75	per lane
Car Wash -(stand alone)	500	Per bay
Child Care Center	10	Per child and adult
Churches (small)	5	per sanctuary seat
Churches (large with kitchen)	7	per sanctuary seat
Country Clubs	50	per member
Dance Halls (No Food Service)	2	per person
Doctors/Dentists	75 20 10	per doctor per employee per patient
Drive-In Theaters	5	per car space
Factories (no showers)	25	per employee per 8-hour shift
Factories (with showers)	35	per employee -per 8-hour shift
Hospitals (no residents) (with food service)	300	per bed
Hotels	130	per unit
Institutions (residents) (with food service)	100	per person
Laundries (coin-operated)	400	per standard size machine
Nursing and Rest Homes (with food service)	200 100 50	per patient per resident employee per non-resident employee
Office Buildings	25	per employee
Office/warehouse space	0.1	per square foot
Retail Store	20	per employee
Restaurant -Ordinary (not 24-hour)	35	per seat
Restaurant -24-Hour	50	per seat
Restaurant -Banquet Rooms	5	per seat
Restaurant -Along Freeway	100	per seat
Restaurant -Tavern (very little food service)	35	per seat
Restaurant -Curb Service (drive-in)	50	per car space
Service Stations	1000	Per fuel island
Schools -Elementary (with food service)	15	per pupil
Schools -High and Junior High (with food service)	20	per pupil
Shopping Centers (no food service or laundries)	0.2	per sq. ft of floor space
Swimming Pool	10	per swimmer
Theaters, auditorium type	5	per seat
Youth and Recreation Camps (w/food service)	50	per person

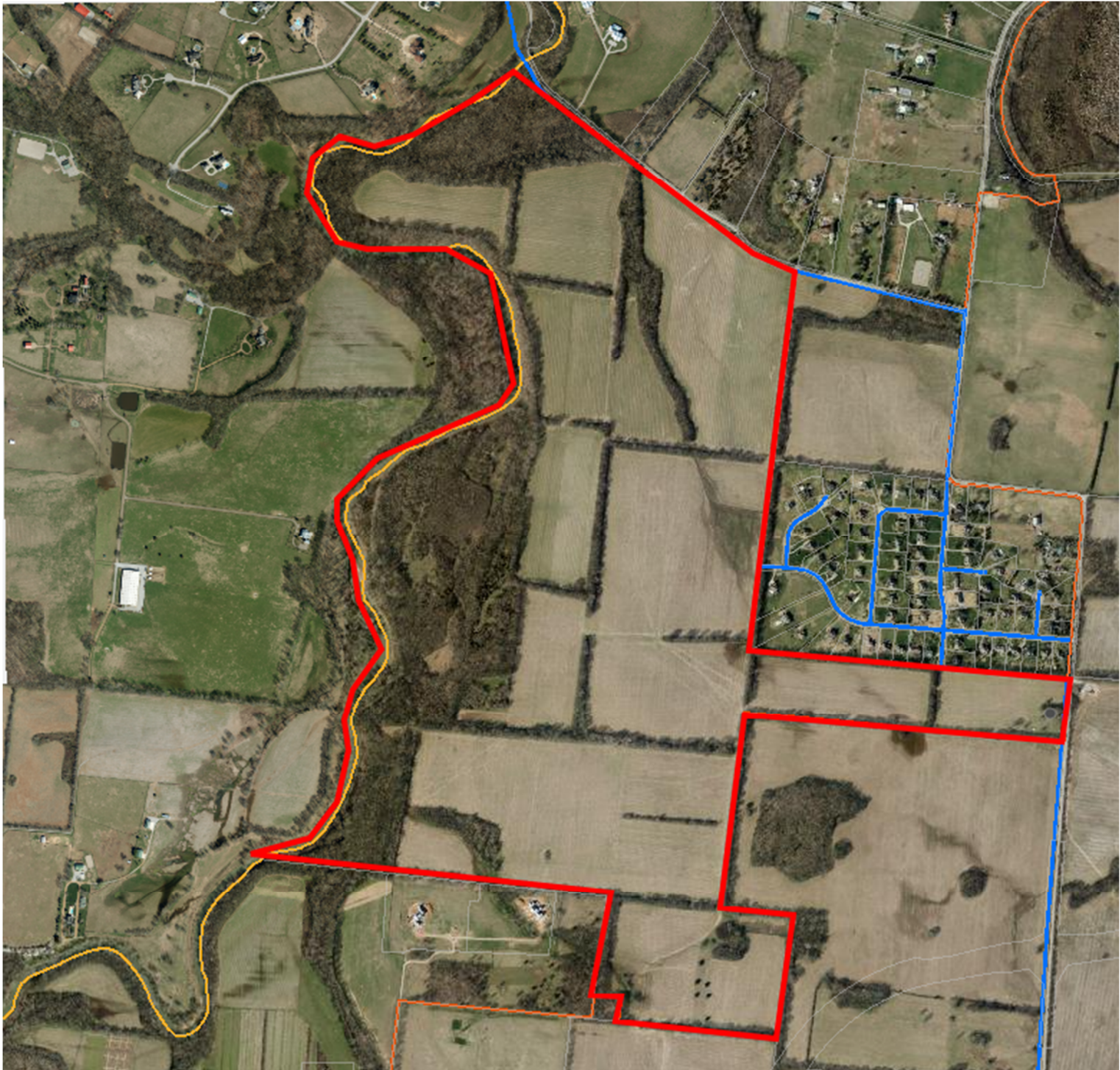
LOCATOR MAP



LOCATOR MAP (Aerial view)



Neighborhood View





File #: 21-03168

DATE: April 20, 2022
TO: Capital Investment Committee
FROM: Michelle Hatcher, Director of Water Management
Scott Andrews, Utilities Engineer II

SUBJECT:

Consideration To Deny Sewer Availability For 2405 Foxhaven Drive (Map 013I, Parcel 01800).

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning a recommendation for denial of a request for sewer availability for the above referenced property.

BACKGROUND/STAFF COMMENTS:

Date of Request: 2/6/2022.
SFUE's Requested: 1.
Domestic Water Meter Size(s): $\frac{3}{4}$ ".

This property is located north of the City limits in the Sneed Forest subdivision. The nearest sanitary sewer is more than 2.5 miles away from this property. The applicant is seeking denial to be able to remodel and add on to their home.

FINANCIAL IMPACT:

N/A

RECOMMENDATION:

Staff recommends that this availability request be recommended for denial by the Board of Mayor and Aldermen.



Request for Water and/or Sewer Availability & Associated Costs

Please fill in the following information & return this form with the site plan per directions below. Incomplete forms will result in the request being returned until all of the information is included. Refer to the attached memo for fees and additional information.

Type of Availability Requested: **CHECK ALL THAT APPLY:** ☐ Water ☒ Sewer

Project Name & Subdivision, Section, Lot # 2405 Foxhaven/Sewer Denial Request Letter
Subdivision-Sneed Forest, Section 1, Lot 33

Map & Parcel(s) # 0131 A 018.00 000

Property Address: 2405 Foxhaven Drive, Franklin, TN 37069

City Project # (If Applicable) —

of Dwelling Units (If Residential) Single Family

Applicant's Name & Company Michael N & Gina R Haynes (homeowners)

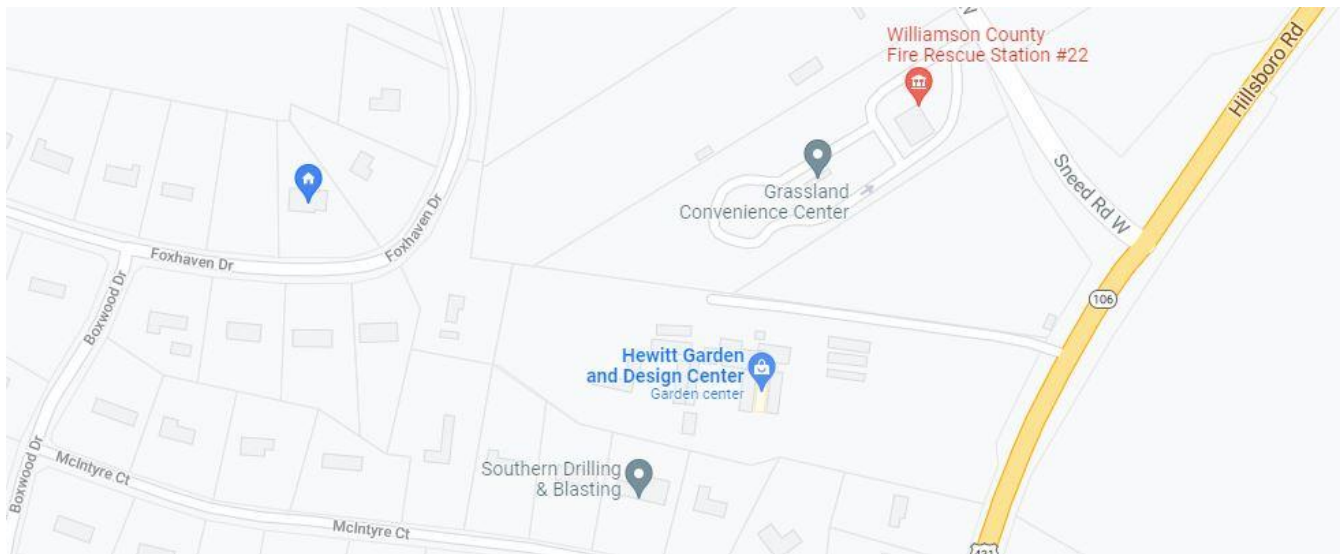
Applicant's Address 2405 Foxhaven Drive, Franklin, TN 37069

Applicant's Email & Phone # gina.rhodes.haynes@gmail.com, 615-480-8232 (cell)

Anticipated Water Meter Size(s) 3/4"
(see chart on pg. 3).

Water District: City of Franklin

Sewage Flow Calculations: 350 GPD



use additional sheets as necessary

Anticipated sewage flows: Information Required for Sewer Service

If the County is requiring this request, please indicate **approval or denial is approved by BOMA, indication here is not a guarantee for approval or denial**
if you are requesting an approval or denial:

☒ DENY my Request ☐ APPROVE my request

MUST SUBMIT A LOCATION MAP (FOR EX: GOOGLE MAP)

Email Application to: availability@franklintn.gov

For additional information or questions please call: 615-794-4554 **Date Submitted: 2/7/2022** _____

MEMO

TO: Applicant

FROM: Water Management Department

DATE: May 2018

RE: Request for Water and/or Sewer Availability & Associated Costs



When considering development of a tract of land, one of the first steps a developer (or their design professional) should complete is the application for water and sewer availability. **Planned Unit Developments MUST have approved availability to be approved.**

The following items **SHALL** be included with a water and/or sewer availability request:

- Completed Application (ALL sections must be filled in)
- Project location map & Utility Plan (if available)
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- Construction plans are to be prepared and **submitted within one year from the granting of availability.**
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OTHER RELATED INFORMATION:

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- Any necessary Pump Station or Force Main shall be subject to approval by the Water Dept. Director.
- **No customer shall supply water service to more than one dwelling or premise from a single service line.**

PROPERTIES OUTSIDE OF CITY LIMITS:

Per **Resolution 2015-32**: Annexation shall be required as a condition of approval for all properties outside the City Limits, whether within the City's Urban Growth Boundary, or not, in order to be granted sanitary sewer availability. Annexation shall occur at such time the property becomes contiguous to the City's corporate limits or as determined by the Board of Mayor and Alderman.

- Applicant shall be required to sign the Annexation Agreement **after the Availability** Request is approved by BOMA, and **before** the approved letter is issued.

SINGLE FAMILY APPLICANTS:

- Not all portions of the application will apply, please mark NA to those sections.
- If a main line extension is necessary you will be required to submit a plan & profile set for review and approval.

MAIN LINE EXTENSION REQUIRED FOR SERVICE:

Plans shall be submitted for approval:

- Plans shall include: Site Layout & Location, Existing Utilities, Grading & EPSC, Plan & Profile, and Applicable Details.
- Include Final hydraulic analysis of the line/s. Use the City's standards for flow calculations.
- Water and Sewer Specifications are available on-line (in pdf form) for the convenience of the developer's engineer:

<http://www.franklintn.gov/government/engineering/development>

CURRENT SEPTIC SYSTEMS/APPLICANTS WITHIN THE COUNTY:

- Williamson County requires residents wishing to modify the septic system to first request availability with the City. You are required to complete the application and indicate whether you are requesting a denial or approval. (Indication does not guarantee final decision. BOMA must approve or deny your request).
- Septic System must be decommissioned per County standards:
<http://www.williamsoncounty-tn.gov/index.aspx?NID=126>

If you have any questions concerning this request, contact the City of Franklin Water Department at (615)

794-4554. 2

Tap Related Fees* *Does not include \$25 New Account Set up Fee*

Applicable Utility
Water & Sewer
Water & Sewer
Sewer
Water & Sewer
Water & Reclaim Water

Fee Description: Fee Amount:

System Development Fee (SDF) See Charts Below (based on meter size) Access Fee See Charts Below (based on meter size) Effluent Disposal Fee (EDF) See Charts Below (based on meter size) Tap Fee See Charts Below (based on meter size) Irrigation Fee See Charts Below (based on meter size) Fire Sprinkler Fee (SDF) Water (fire) \$500 per diameter inch of connection line

Effective March 1, 2008, the fees and installation costs are as follows and are paid to the Building & Neighborhood Services Dept. 615-794-7012

WATER * City of Franklin Wat

SFUE	GPM	SDF	Access Fees	Irrigation Meter ¹	Tap Existing ²
1	12.5	\$903	\$1,186	\$3,150	\$315
13	50	\$3,612	\$4,746	\$4,725	\$374
30	120	\$8,619	\$11,390	\$6,300	\$656
40	160	\$11,558	\$15,187	\$7,875	\$1,362
88	350	\$25,284	\$33,222	\$9,450	\$1,581
125	500	\$36,120	\$47,460	\$11,025	\$2,668
300	1200	\$86,688	\$113,904	\$12,600	\$4,723

Meter Size City making Tap³ ¾" \$756 1" \$897 1 ½" \$1,444 2" \$2,223 3" \$3,654 4" \$5,492 6" \$7,387 8" 375 1500 \$108,360
\$142,380 \$14,175 \$10,293 \$14,110

SEWER (Fees are based on water meter size regardless of water district)

SFUE	GPM	SDF	Access Fee	Effluent Disposal ⁴	Tap Existing ²
1	12.5	\$1,444	\$2,100	\$450	\$263
13	50	\$5,775	\$8,400	\$1,800	\$263
30	120	\$13,860	\$20,160	\$4,320	\$263
40	160	\$18,480	\$26,880	\$5,760	\$263

88	350	\$40,425	\$58,800	\$12,600	\$263
125	500	\$57,750	\$84,000	\$18,000	\$263
300	1200	\$138,600	\$201,600	\$43,200	\$263

Meter Size City Making Tap³

¾" \$1,240 1" \$1,240 1 ½" \$1,240 2" \$1,240 3" \$1,240 4" \$1,240 6" \$1,240 8" 375 1500 \$173,250 \$252,000 \$54,000

\$263 \$1,240 1- Irrigation Fees Include Meter Fee & \$25 Application Fee Only 3- City Installs Tap & Meter

2- Contractor Installs Tap & Meter – Subject to Addnl' Inspections

4- Fee Goes to Establishing Effluent Water System; paid with all Sewer Services

* **All Fees shall be paid prior to the issuance of a Building Permit or Utility Inspection, whichever occurs first.** *

Private Fire Hydrant and Sprinkler Systems – The SDF for connection of private fire hydrants and sprinkler system lines to the City of Franklin's (COF) lines shall be **\$500 per inch diameter of connection** to the City's lines. Radio read meters will be required on all private fire hydrant and sprinkler systems.

UTILITY PERMIT RELATED FEES: **PAID WITH PERMIT, NOT WITH AVAILABILITY**

REQUEST: *Only applicable if extending the water, sewer or reclaim water main lines.*

Fee Description Applicable Utility Fee Amount

Plan Review Fee Water, Sewer & Reclaim Water \$300 Water; \$300 Sewer & \$300 reclaim Water **Inspection fees:**

Fee Rate

Water Main Line \$1.25/LF Water (minimum \$ 1,000)

Sewer Gravity Main Line \$2.00/LF (minimum \$1,000)

Sewer Force Main Line \$1.50/LF (minimum \$1,000)

Reclaim Water \$1.25/LF (minimum \$1,000)

Checks are made payable to the City of Franklin. Please indicate what the payment is for on the check.

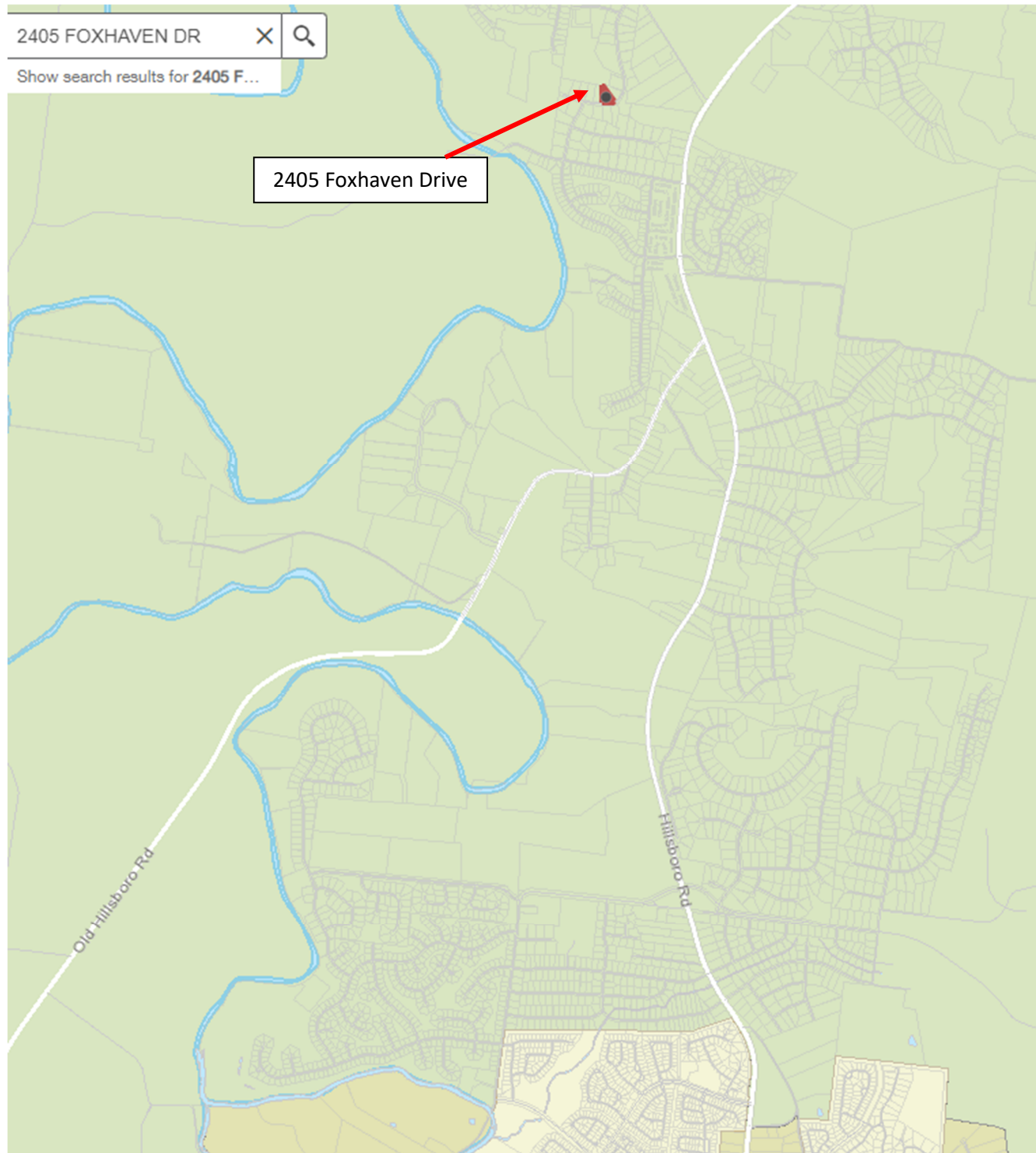
3

Projected Flow Examples

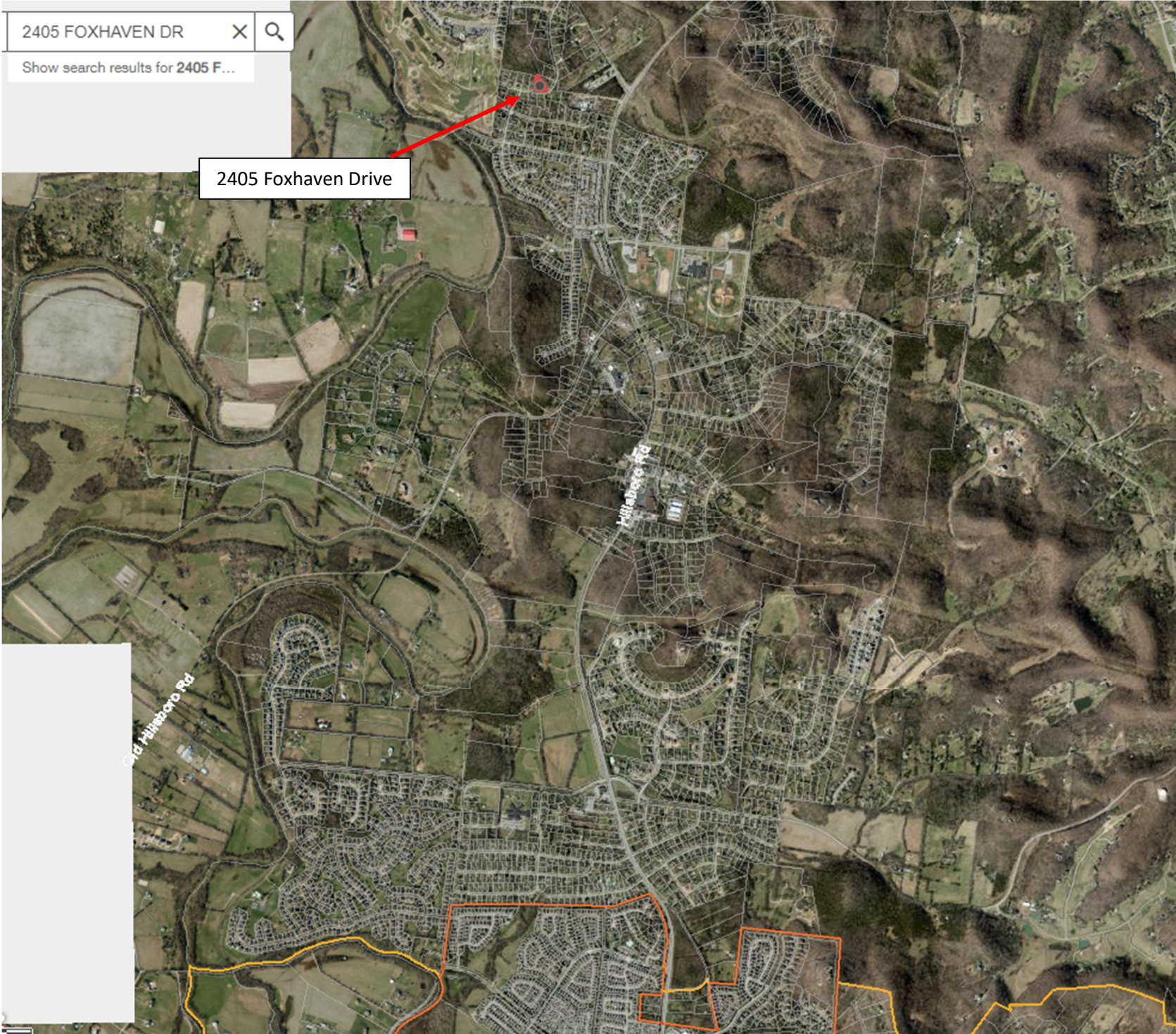
Drainage Facility	Flow in GPD	Design Units
Apartments -One Bedroom	250	per unit
Apartment -Two Bedroom	300	per unit
Apartment -Three Bedroom	350	per unit
Mobile Home Parks	300	per mobile home space
Single Family Dwelling	350	per unit
Assembly Hall (No Food Service)	2	per seat
Beauty Shop, Styling Salon	200	per station
Bowling Alleys (no food service)	75	per lane
Car Wash -(stand alone)	500	Per bay
Child Care Center	10	Per child and adult
Churches (small)	5	per sanctuary seat
Churches (large with kitchen)	7	per sanctuary seat

Country Clubs	50	per member
Dance Halls (No Food Service)	2	per person
Doctors/Dentists	75 20 10	per doctor per employee per patient
Drive-In Theaters	5	per car space
Factories (no showers)	25	per employee per 8-hour shift
Factories (with showers)	35	per employee -per 8-hour shift
Hospitals (no residents) (with food service)	300	per bed
Hotels	130	per unit
Institutions (residents) (with food service)	100	per person
Laundries (coin-operated)	400	per standard size machine
Nursing and Rest Homes (with food service)	200 100 50	per patient per resident employee per non-resident employee
Office Buildings	25	per employee
Office/warehouse space	0.1	per square foot
Retail Store	20	per employee
Restaurant -Ordinary (not 24-hour)	35	per seat
Restaurant -24-Hour	50	per seat
Restaurant -Banquet Rooms	5	per seat
Restaurant -Along Freeway	100	per seat
Restaurant -Tavern (very little food service)	35	per seat
Restaurant -Curb Service (drive-in)	50	per car space
Service Stations	1000	Per fuel island
Schools -Elementary (with food service)	15	per pupil
Schools -High and Junior High (with food service)	20	per pupil
Shopping Centers (no food service or laundries)	0.2	per sq. ft of floor space
Swimming Pool	10	per swimmer
Theaters, auditorium type	5	per seat
Youth and Recreation Camps (w/food service)	50	per person

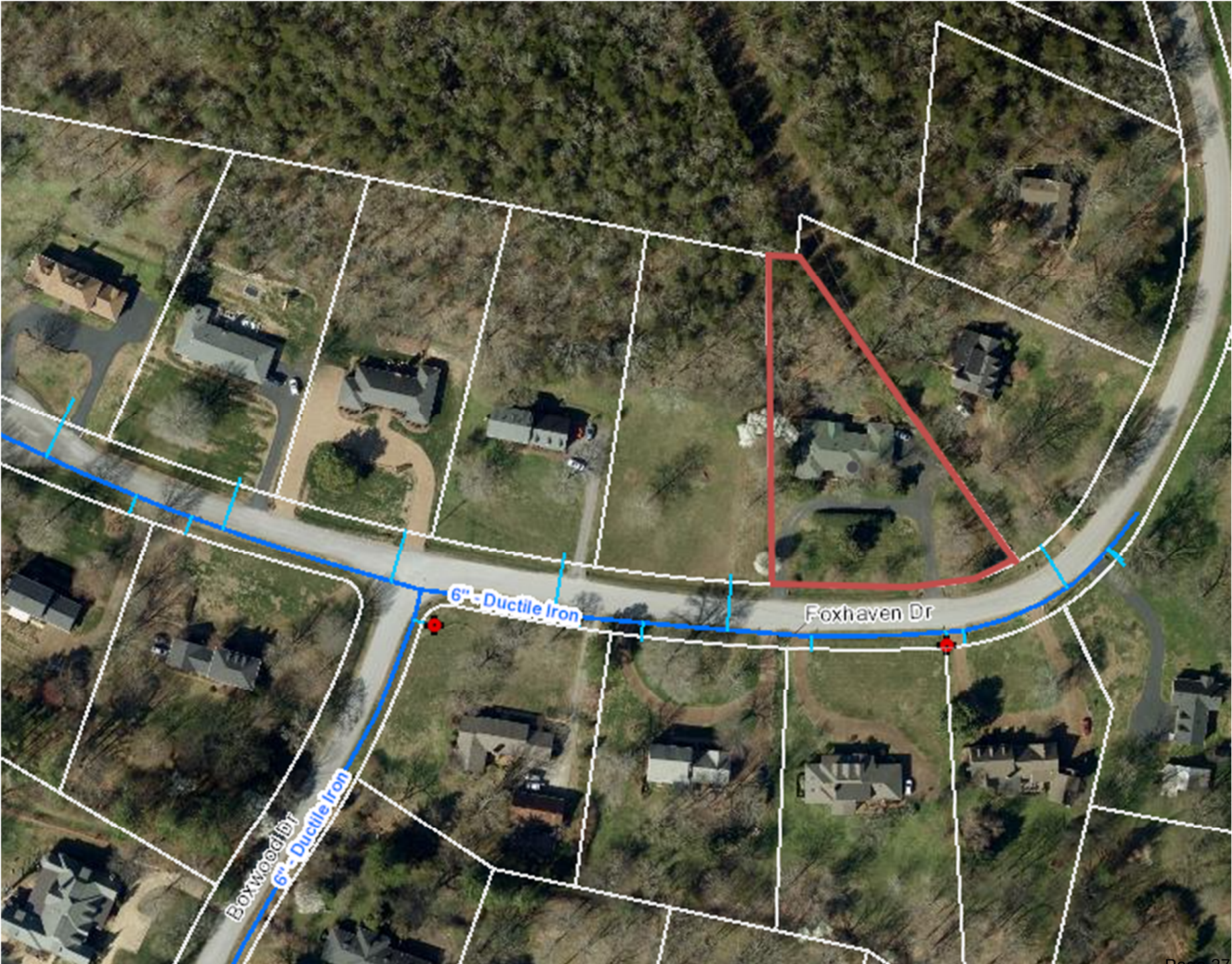
LOCATOR MAP



LOCATOR MAP (Aerial view)



Neighborhood View





File #: 21-03170

DATE: April 20, 2022
TO: Capital Investment Committee
FROM: Michelle Hatcher, Director of Water Management
Scott Andrews, Utilities Engineer II

SUBJECT:

Consideration To Deny Sewer Availability For 4357 Murfreesboro Road (Map 088, Parcel 03600).

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning a recommendation for denial of a request for sewer availability for the above referenced property.

BACKGROUND/STAFF COMMENTS:

Date of Request: 8/9/2021.
SFUE's Requested: 20.
Domestic Water Meter Size(s): Twenty $\frac{3}{4}$ " meters (Milcrofton Utility District).

This property is located south and east of the City limits, south of Murfreesboro Road and just west of North Chapel Road. The nearest existing sanitary sewer infrastructure is over a mile away. In addition, the basin plan for this area shows the sewer being extended from this area to the southwest, toward the eventual south water reclamation facility. The applicant has requested denial.

FINANCIAL IMPACT:

N/A

RECOMMENDATION:

Staff recommends that this availability be recommended for denial by the Board of Mayor and Aldermen. There is too much infrastructure yet to be in place to allow this to be served according to the basin plan, and it is not feasible for a 20 home subdivision to install said infrastructure.



Request for Water and/or Sewer Availability & Associated Costs

Please fill in the following information & return this form with the site plan per directions below. Incomplete forms will result in the request being returned until all of the information is included. Refer to the attached memo for fees and additional information.

Type of Availability Requested:		CHECK ALL THAT APPLY: ☒ Water ☒ Sewer	
Project Name & Subdivision, Section, Lot #	4357 Murfreesboro Road		
Map & Parcel(s) #	Map 88, Parcel 3600		
Property Address:	4357 Murfreesboro Rd.		
City Project # (If Applicable)	n/a		
# of Dwelling Units (If Residential)	~20 single-family lots proposed		
Applicant's Name & Company	T-Square Engineering		
Applicant's Address	1329 W. Main St. Franklin, TN		
Applicant's Email & Phone #	Nathan.Mcvey@t2-eng.com ; 615-678-8212		
Anticipated Water Meter Size(s) (see chart on pg. 3).	3/4"		
Water District:	Milcrofton		
Sewage Flow Calculations: Use the City of Franklin projected flow examples sheet -pg.4 $20 \text{ lots} \times 350 \text{ gpd}$ $= \underline{7,000 \text{ gpd}}$			
<i>use additional sheets as necessary</i>			
Anticipated sewage flows: Information Required for Sewer Service			
If County is requiring this request please indicate if you are requesting an approval or denial:	☒ DENY my Request ☐ APPROVE my request <i>*approval or denial is approved by BOMA, indication here is not a guarantee for approval or denial*</i>		

MUST SUBMIT A LOCATION MAP (FOR EX: GOOGLE MAP)

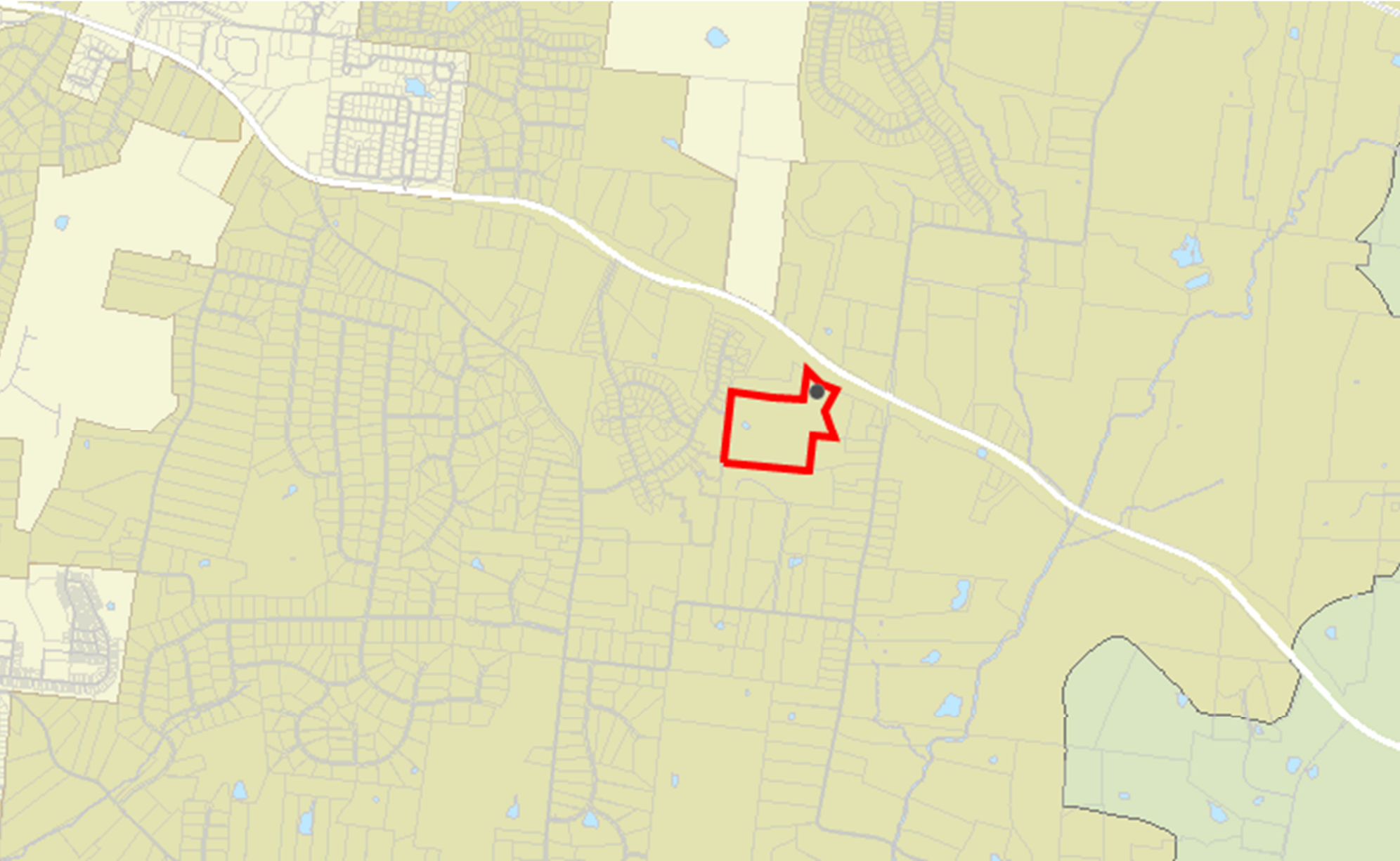
Email Application to: availability@franklinton.gov

For additional information or questions please call: 615-794-4554

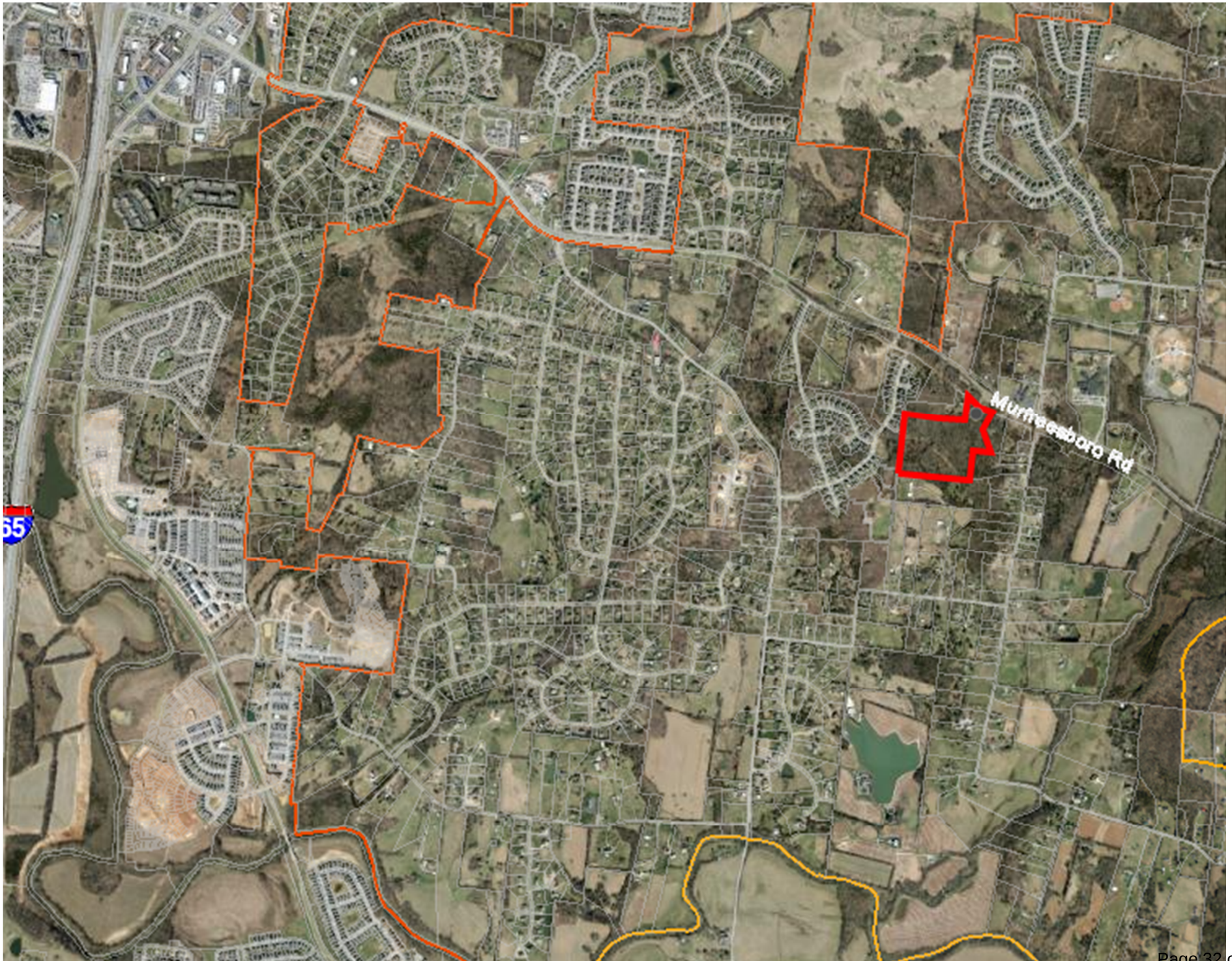
Date Submitted: _____



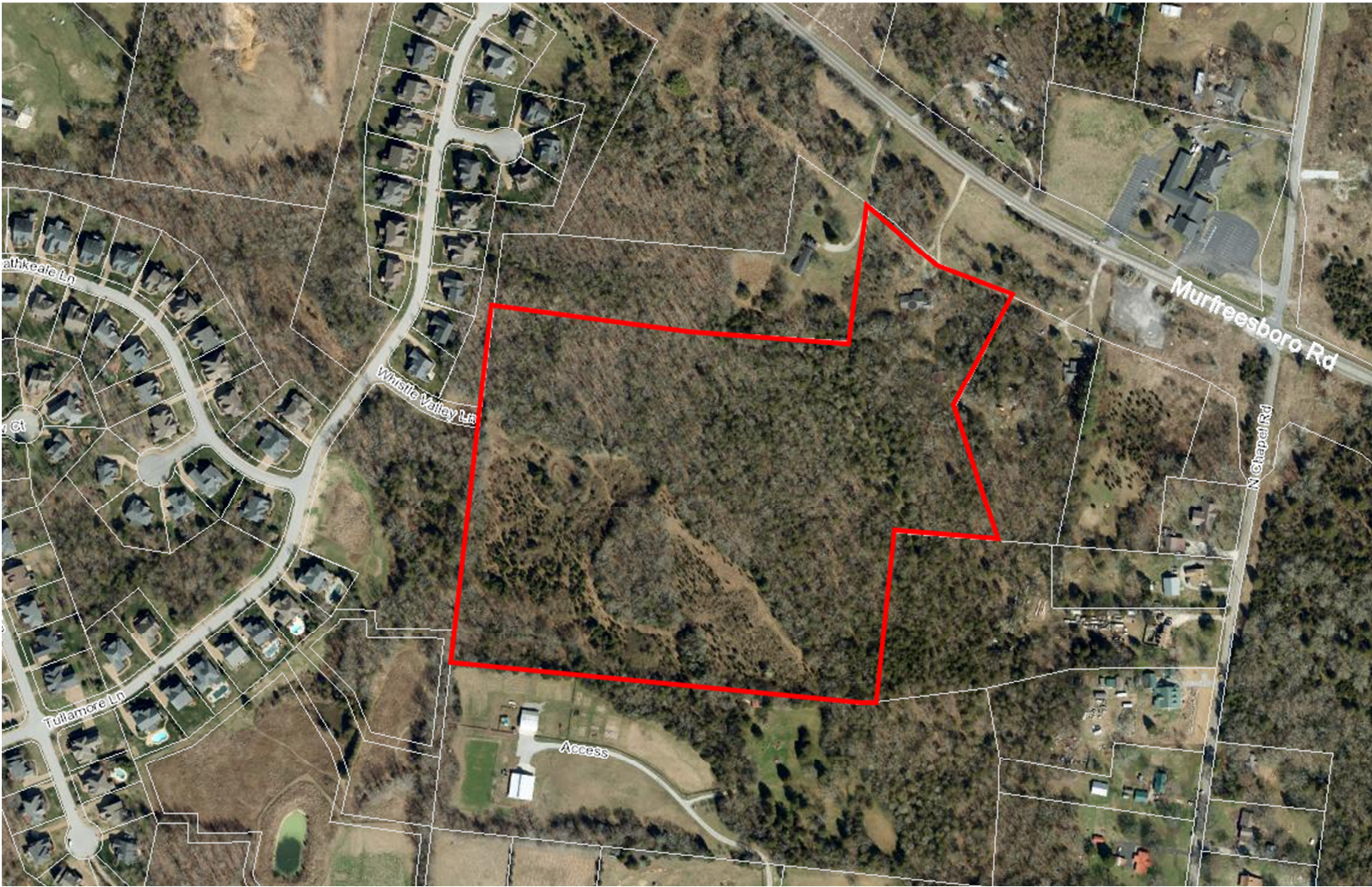
LOCATOR MAP



LOCATOR MAP (Aerial view)



Neighborhood View





File #: 21-03172

DATE: April 21, 2022
TO: Capital Investment Committee
FROM: Michelle Hatcher, Director of Water Management
Scott Andrews, Utilities Engineer II

SUBJECT:

Consideration To Deny Sewer Availability For 2340 Henpeck Lane (Map 105, Parcel 02300).

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning a recommendation for denial of a request for sewer availability for the above referenced property.

BACKGROUND/STAFF COMMENTS:

Date of Request: 4/12/2022.
SFUE's Requested: 1.
Domestic Water Meter Size(s): $\frac{3}{4}$ " meter (HB&TS Utility District).

This property is located outside of the City limits, west of the new elementary school on Henpeck Lane. There is a sanitary sewer main on the school property but it does not extend to this property, nor would this property be served with gravity sewer in that direction. The way the contours of the property and surrounding area are, this lot would flow to the southwest corner of the property and then flow off-site in the opposite direction of the existing sewer, to a sanitary sewer location that has not even preliminarily been investigated. The applicant is looking to remodel/add-on to their property and is requesting denial.

FINANCIAL IMPACT:

N/A

RECOMMENDATION:

Staff recommends that this availability request be recommended for denial by the Board of Mayor and Aldermen.



Please fill in the following information & return this form with the site plan per directions below. Incomplete forms will result in the request being returned until all of the information is included. Refer to the attached memo for fees and additional information.

MUST SUBMIT A LOCATION MAP (FOR EX: GOOGLE MAP)

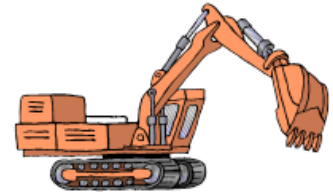
Email Application to: availability@franklintn.gov

For additional information or questions please call: 615-794-4554

Date Submitted: 4/12/22

MEMO

TO: Applicant
FROM: Water Management Department
DATE: May 2018
RE: Request for Water and/or Sewer Availability & Associated Costs



When considering development of a tract of land, one of the first steps a developer (or their design professional) should complete is the application for water and sewer availability. **Planned Unit Developments MUST have approved availability to be approved.**

The following items **SHALL** be included with a water and/or sewer availability request:

- Completed Application (ALL sections must be filled in)
- Project location map & Utility Plan (if available)
- Sewage Calculations (For Development projects only; Individual Single Family Homes are not required to submit these calculations).

Email Application to: availability@franklinton.gov

For additional information or questions please call: 615-794-4554

There is a 30 day maximum turnaround time for the requests. Unless your request requires Board of Mayor & Aldermen (BOMA) approval then applicant will be notified of the date of the BOMA meeting at which your request will be brought up.

THE AVAILABILITY IS GRANTED BASED ON THE FOLLOWING TIME PERIODS:

- Construction plans are to be prepared and **submitted within one year from the granting of availability.**
- Construction of the water and sanitary sewer **improvements shall begin within one and one-half (1 ½) years from the granting of availability.**

OTHER RELATED INFORMATION:

- Pump stations and force mains are not allowed if the development can be served by extension of gravity sewer.
 - Any necessary Pump Station or Force Main shall be subject to approval by Water Dept. Director.
- **No customer shall supply water service to more than one dwelling or premise from a single service line.**

PROPERTIES OUTSIDE OF CITY LIMITS:

Per **Resolution 2015-32**: Annexation shall be required as a condition of approval for all properties outside the City Limits whether within the City's Urban Growth Boundary, or not, in order to be granted sanitary sewer availability. Annexation shall occur at such time the property becomes contiguous to the City's corporate limits or as determined by the Board of Mayor and Alderman.

- Applicant shall be required to sign the Annexation Agreement **after** Availability Request is approved by BOMA, and **before** the approved letter is issued.

SINGLE FAMILY APPLICANTS:

- Not all portions of the application will apply, please mark NA to those sections.
- If a main line extension is necessary you will be required to submit a plan & profile set for review and approval.

MAIN LINE EXTENSION REQUIRED FOR SERVICE:

Plans shall be submitted for approval:

- Plans shall include: Site Layout & Location, Existing Utilities, Grading & EPSC, Plan & Profile, and Applicable Details.
- Include Final hydraulic analysis of the line/s. Use the City's standards for flow calculations.
- Water and Sewer Specifications are available on-line (in pdf form) for the convenience of the developer's engineer:
<http://www.franklinton.gov/government/engineering/development>

CURRENT SEPTIC SYSTEMS/APPLICANTS WITHIN THE COUNTY:

- Williamson County requires residents wishing to modify the septic system to first request availability with the City. You are required to complete the application and indicate whether you are requesting a denial or approval. (Indication does not guarantee final decision. BOMA must approve or deny your request).
- Septic System must be decommissioned per County standards:
<http://www.williamsoncounty-tn.gov/index.aspx?NID=126>

If you have any questions concerning this request, contact the City of Franklin Water Department at (615) 794-4554.

Tap Related Fees* *Does not include \$25 New Account Set up Fee*

Fee Description:	Applicable Utility	Fee Amount:
System Development Fee (SDF)	Water & Sewer	See Charts Below (based on meter size)
Access Fee	Water & Sewer	See Charts Below (based on meter size)
Effluent Disposal Fee (EDF)	Sewer	See Charts Below (based on meter size)
Tap Fee	Water & Sewer	See Charts Below (based on meter size)
Irrigation Fee	Water & Reclaim Water	See Charts Below (based on meter size)
Fire Sprinkler Fee (SDF)	Water (fire)	\$500 per diameter inch of connection line

Effective March 1, 2008, the fees and installation costs are as follows and are paid to the Building & Neighborhood Services Dept. 615-794-7012

WATER * City of Franklin Wat							
Meter Size	SFUE	GPM	SDF	Access Fees	Irrigation Meter ¹	Tap Existing ²	City making Tap ³
¾"	1	12.5	\$903	\$1,186	\$3,150	\$315	\$756
1"	13	50	\$3,612	\$4,746	\$4,725	\$374	\$897
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6"	300	1200	\$86,688	\$113,904	\$12,600	\$4,723	\$7,387
8"	375	1500	\$108,360	\$142,380	\$14,175	\$10,293	\$14,110

SEWER (Fees are based on water meter size regardless of water district)							
Meter Size	SFUE	GPM	SDF	Access Fee	Effluent Disposal ⁴	Tap Existing ²	City Making Tap ³
¾"	1	12.5	\$1,444	\$2,100	\$450	\$263	\$1,240
1"	13	50	\$5,775	\$8,400	\$1,800	\$263	\$1,240
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3"	88	350	\$40,425	\$58,800	\$12,600	\$263	\$1,240
4"	125	500	\$57,750	\$84,000	\$18,000	\$263	\$1,240
6"	300	1200	\$138,600	\$201,600	\$43,200	\$263	\$1,240
8"	375	1500	\$173,250	\$252,000	\$54,000	\$263	\$1,240

1- Irrigation Fees Include Meter Fee & \$25 Application Fee Only

3- City Installs Tap & Meter

2- Contractor Installs Tap & Meter – Subject to Addnl' Inspections

4- Fee Goes to Establishing Effluent Water System; paid with all Sewer Services

*** All Fees shall be paid prior to the issuance of a Building Permit or Utility Inspection, whichever occurs first. ***

Private Fire Hydrant and Sprinkler Systems – The SDF for connection of private fire hydrants and sprinkler system lines to the City of Franklin's (COF) lines shall be **\$500 per inch diameter of connection** to the City's lines. Radio-read meters will be required on all private fire hydrant and sprinkler systems.

UTILITY PERMIT RELATED FEES: PAID WITH PERMIT, NOT WITH AVAILABILITY REQUEST:

Only applicable if extending the water, sewer or reclaim water main lines.

Fee Description	Applicable Utility	Fee Amount
Plan Review Fee	Water, Sewer & Reclaim Water	\$300 Water; \$300 Sewer & \$300 reclaim Water
Inspection fees:	Fee Rate	
Water Main Line	\$1.25/LF Water (minimum \$ 1,000)	
Sewer Gravity Main Line	\$2.00/LF (minimum \$1,000)	
Sewer Force Main Line	\$1.50/LF (minimum \$1,000)	
Reclaim Water	\$1.25/LF (minimum \$1,000)	

Checks are made payable to the City of Franklin. Please indicate what the payment is for on the check.

3 Projected Flow Examples

Drainage Facility	Flow in GPD	Design Units
Apartments -One Bedroom	250	per unit
Apartment -Two Bedroom	300	per unit
Apartment -Three Bedroom	350	per unit
Mobile Home Parks	300	per mobile home space
Single Family Dwelling	350	per unit
Assembly Hall (No Food Service)	2	per seat
Beauty Shop, Styling Salon	200	per station
Bowling Alleys (no food service)	75	per lane
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Churches (large with kitchen)	7	per sanctuary seat
Country Clubs	50	per member
Dance Halls (No Food Service)	2	per person
Doctors/Dentists	75	per doctor
	20	per employee
	10	per patient
Drive-In Theaters	5	per car space
Factories (no showers)	25	per employee per 8-hour shift
Factories (with showers)	35	per employee -per 8-hour shift
Hospitals (no residents) (with food service)	300	per bed
Hotels	130	per unit
Institutions (residents) (with food service)	100	per person
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Nursing and Rest Homes (with food service)	200	per patient
	100	per resident employee
	50	per non-resident employee
Office Buildings	25	per employee
Office/warehouse space	0.1	per square foot
Retail Store	20	per employee
Restaurant -Ordinary (not 24-hour)	35	per seat
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Schools -Elementary (with food service)	15	per pupil
Schools -High and Junior High (with food service)	20	per pupil
Shopping Centers (no food service or laundries)	0.2	per sq. ft of floor space
Swimming Pool	10	per swimmer
Theaters, auditorium type	5	per seat
Youth and Recreation Camps (w/food service)	50	per person

LOCATOR MAP



LOCATOR MAP (Aerial view)



Neighborhood View





File #: 21-03175

DATE: April 21, 2022
TO: Capital Investment Committee
FROM: Michelle Hatcher, Director of Water Management
Brian Goodwin, Asst. Director of Water Management
Patricia McNeese, Utilities Engineer

SUBJECT:

Consideration Of DRAFT Change Order No 3 To COF Contract 2018-0226, Sanitary Sewer Lateral Lining With BLD Services At A Cost Increase Of \$462,000.

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning change order No. 3 to the Sanitary Sewer Lateral Lining Contract with BLD Services at a cost increase of \$462,000.00.

BACKGROUND/STAFF COMMENTS:

The sanitary sewer lateral lining project with BLD Services was approved in January 2020 with the option of extending the contract up to four (4) times for up to one (1) additional year each time. This contract has been extended for the third (3rd) year with a current extension date of January 2023. There are currently four (4) wastewater projects in the Fiscal Budget Year 2022 that will end on June 30, 2022, that are part of Street Upgrade projects that have not been constructed. Rather than carrying these funds forward to the same projects to Fiscal Year 2023, it is the recommendation of the WMD that these funds be transferred to the Sanitary sewer lateral lining contract. After further investigation into several areas of the wastewater system, WMD has discovered there are areas in need of repair that are candidates for lining rather than replacement.

FINANCIAL IMPACT:

There are four (4) wastewater projects currently budgeted in Fiscal Year 2022 that were part of Street Department projects that will not be constructed. These projects are WM16008, Battle Street Avenue Infrastructure Replacement in the amount of \$120,000.00, ST16006, Jordan Road Improvements in the amount of \$36,000.00, ST16011, Mallory/N Royal Oaks & Liberty Intersection Improvements in the amount of \$90,000.00, and ST16018, S. Margin Infrastructure Updgrades in the amount of \$216,000.00. The total amount of these projects is \$462,000.00 which WMD is proposing to add to the Sanitary Sewer Lateral Lining contract.

RECOMMENDATION:

Staff recommends that the Change Order No 3 for the Sanitary Sewer Lateral Lining Contract with BLD Services at a cost increase of \$462,000.00 be recommended for approval by the Board of Mayor and Aldermen.

CHANGE ORDER NO.: 3

Owner: **City of Franklin, TN**
 Engineer: **N/A**
 Contractor: **BLD Services**
 Project Name: **Sanitary Sewer Lateral Lining**
 Owners Contract No.: **COF 2018-0226**
 Effective Date of Change Order: **N/A**

Date Issued: **4/20/2022**

The Contract is modified as follows upon execution of this Change Order:

Description:

Transfer funds from Fiscal Year 2022 unconstructed previously budgeted water and sewer projects to the Sanitary Sewer Lateral Lining Project

Change in Contract Price		Change in Contract Times	
Original Contract Price:		Original Contract Times:	
\$ 452,500.00		Effective Date of Award:	January 28, 2020
		Final Date of Contract:	January 27, 2021
[Increase] [Decrease] from previously approved Change Orders		[Increase] [Decrease] from previously approved Change Orders	
\$ 679,300.00		Number of days:	365 days
Contract Price prior to this Change Order:		Contract Times from previously approved Change Order:	
\$ 1,131,800.00		Date of 3rd Contract Year:	January 27, 2022
		End Date of 3rd Contract Year:	January 27, 2023
[Increase] [Decrease] this Change Order:		[Increase] [Decrease] this Change Order: 0 days	
\$ 462,000.00			
Contract Price incorporating this Change Order:		Contract Times with all approved Change Orders:	
\$ 1,593,800.00		Revised Final Date:	January 27, 2023

Recommended by Project Manager

By: _____
 Title: _____
 Date: _____

Recommended by Department Director

By: _____
 Title: _____
 Date: _____

Authorized by Owner

By: _____
 Title: _____
 Date: _____



File #: 21-03144

DATE: April 14, 2022
TO: Capital Investment Committee
FROM: Paul Holzen, Director of Engineering
Jonathan Marston, Asst. Director of Engineering
Sarah Roop, Right of Way Agent

SUBJECT:

Consideration Of DRAFT Resolution 2022-32, A Resolution Authorizing The City Administrator To Approve Agreements And The Use Of Condemnation, If Necessary, To Acquire Rights-of-Way And/Or Easements For The "Pratt Lane Bridge Replacement" (COF Project No. 2020-013).

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning Resolution 2022-32.

BACKGROUND/STAFF COMMENTS:

On August 13, 2019, the BOMA approved Resolution 2019-68 to adopt the project list for the fiscal years (FYs) 2019-2028 Capital Investment Program (CIP). Included in that project list was the Pratt Lane Bridge Replacement. This project consists of the replacement of a functionally obsolete bridge on Pratt Lane that crosses Fivemile Creek, and is the result of negotiations during the development of the Lampo Group (Ramsey Solutions) Corporate Headquarters, which is located in the adjacent Reams-Fleming tract of Berry Farms.

The project team has completed the design to the point known as right-of-way plans, which, as the name suggests, provides enough information to allow the City to purchase all necessary rights-of-way (ROW) and/or easements to allow for the actual construction of the project. The fair market value for any necessary ROW and/or easements will be determined by a qualified appraiser. Upon receiving appraisals, staff contacts the affected property owner(s) to begin acquisition negotiations. In an effort to expedite the process, staff seeks BOMA approval to authorize the City Administrator to approve agreements to acquire easements and/or ROW on behalf of the BOMA. Additionally, staff seeks approval to proceed with condemnation to acquire the necessary property and/or easements, but only if negotiations fail. All acquisitions will continue to be reported to the BOMA.

FINANCIAL IMPACT:

There is no direct financial impact associated with Resolution 2022-32. Expenses will occur as the individual property acquisitions are settled.

RECOMMENDATION:

Staff recommends that Resolution 2022-32 be recommended for approval by the Board of Mayor and Aldermen.

RESOLUTION 2022-32

A RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO APPROVE AGREEMENTS AND THE USE OF CONDEMNATION, IF NECESSARY, TO ACQUIRE RIGHTS-OF-WAY AND/OR EASEMENTS FOR THE “PRATT LANE BRIDGE REPLACEMENT” (COF PROJECT NO. 2020-013)

WHEREAS, the Board of Mayor and Aldermen of the City of Franklin, Tennessee (the “BOMA”) has determined that the construction of certain improvements within the City limits are necessary, suitable, and desirable for the public welfare; and

WHEREAS, these improvements are generally described as the replacement of the Pratt Lane bridge over Fivemile Creek (the “Project”); and

WHEREAS, on August 13, 2019, the BOMA approved Resolution 2019-68 to adopt the project list for the fiscal years 2019 – 2028 Capital Investment Program (“CIP”); and

WHEREAS, the twenty-first (21st) adopted project listed on Resolution 2019-68 is the “Pratt Ln Bridge Replacement”; and

WHEREAS, it will be necessary, in order to construct said improvements, for the City to obtain additional rights-of-way (“real property”) and easements (“real property interest”) from the owners of the properties listed on the attached Exhibit A; and

WHEREAS, the Board finds that it is in the best interests of the City of Franklin and for efficiency when acquiring rights-of-way and/or easements (“property acquisition”) for the Project to authorize the City Administrator to approve said property acquisition agreements on behalf of the BOMA; and

WHEREAS, the price to be paid for property acquisition shall be established by a qualified appraiser; and

WHEREAS, it has been general practice by the City, and by the Tennessee Department of Transportation (“TDOT”) on which this City practice is based, to allow the staff performing the acquisition negotiations the ability to increase the offer by up to an additional ten percent (10%) or Ten Thousand Dollars (\$10,000.00), whichever amount is greater, in an effort to successfully close the acquisition negotiations; and

WHEREAS, the BOMA expressly finds that the City has the power of eminent domain to extend public roads (see T.C.A. §29-17-301 *et seq.*) and to acquire easements and/or rights-of-way necessary for proper completion of the said improvements, and that the acquisition of such easements and/or rights-of-way is for a public purpose and for a public use, and that the acquisition of the private property hereinafter described is necessary to accomplish said public use.

WHEREAS, the BOMA believes that the removal of certain contracts and purchases from the Board’s agenda provides for more expedient conduct of City business; and

WHEREAS, all property acquisitions shall be reported to the BOMA as items approved by the City Administrator on behalf of the Board.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, TENNESSEE, AS FOLLOWS:

SECTION 1. The City Administrator, the City Engineer, and the City Attorney are authorized to obtain the necessary rights-of-way, permanent easements, and/or temporary easements on and/or across the properties listed in Exhibit A hereto and may enter into agreements with property owners with respect to the compensation to be paid for the said rights-of-way and/or easements, so long as such amounts are reasonable and supported by a qualified appraisal.

SECTION 2. In an effort to avoid the condemnation process and to complete the property acquisition process as efficiently as possible, the City Administrator or his designee is authorized to increase the purchase price offer above appraised value by up to ten percent (10%) or Ten Thousand Dollars (\$10,000), whichever is greater.

SECTION 3. If an in impasse is reached during negotiations with a property owner and condemnation is the only alternative, then the City Attorney is authorized to commence necessary condemnation proceedings. After condemnation proceedings have commenced, the City Administrator, the City Attorney, and the City Engineer are authorized to enter into settlement agreements with property owners with respect to the compensation to be paid for the said rights-of-way and easements, so long as such amounts are reasonable and supported by a qualified appraisal.

SECTION 4. All land acquisitions completed under the authority granted by this resolution shall be reported to the Board of Mayor and Aldermen.

IT IS SO RESOLVED AND DONE on this ____ day of _____, 20____.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
Eric S. Stuckey
City Administrator

By: _____
Dr. Ken Moore
Mayor

Approved as to Form:

By: _____
Shauna R. Billingsley
City Attorney

RESOLUTION 2022-32
EXHIBIT A

TRACT NUMBER	TAX MAP NUMBER	PARCEL NUMBER
3	117	04209
6	117	03012
7	117	03011



File #: 21-03145

DATE: April 14, 2022
TO: Capital Investment Committee
FROM: Eric Stuckey, City Administrator
Paul Holzen, Director of Engineering
Jonathan Marston, Asst. Director of Engineering
Sarah Roop, Right of Way Agent

SUBJECT:

Consideration Of DRAFT Resolution 2022-33, A Resolution Authorizing The City Administrator To Approve Agreements And The Use Of Condemnation, If Necessary, To Acquire Rights-of-Way And/Or Easements For The "West Main Street Bridge Widening" (COF Project No. 2019-013).

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning Resolution 2022-33.

BACKGROUND/STAFF COMMENTS:

In approximately 2015, the Tennessee Department of Transportation (TDOT) let a construction contract to replace the bridge on West Main Street, also known as State Route 246 (SR-246), that crosses West Main Branch. Prior to this bridge replacement, approximately 3 feet of shoulder space existed on the north side of West Main Street. This space, while narrow, allowed pedestrians to cross the stream without stepping into the travel lane. The bridge replacement all but eliminated this already narrow shoulder. Because of concerns voiced by area residents, the BOMA included the "West Main Bridge Wideing Project" in the adopted project list for the fiscal years (FYs) 2019-2028 Capital Investment Program (CIP). The widening project that was adopted in the CIP will widen the bridge to the north and will construct a proper sidewalk crossing of the stream that *should* be able to be integrated into a future widening of West Main Street (SR-246), as shown in *Connect Franklin*, the City's multi-modal major thoroughfare plan.

The designer has completed construction plans for this project. Some additional rights-of-way (ROW) and easements will need to be purchased to allow for the actual construction of the improvements. The fair market value for this necessary ROW and easements has been determined by a qualified appraiser. Staff just recently received the appraisals and will soon begin acquisition negotiations with affected property owners. In an effort to expedite the acquisition process, staff seeks BOMA approval to authorize the City Administrator to approve agreements to acquire easements and ROW on behalf of the BOMA. Additionally, staff seeks approval to proceed with condemnation to acquire the necessary easements and ROW, but only if negotiations fail. All acquisitions will continue to be reported to the BOMA. Also, it should be noted that Middle

Tennessee Electric Membership Corporation (MTEMC) has agreed (COF Contract No. 2021-0199) to acquire any easement(s) required only for the relocation of their facilities.

FINANCIAL IMPACT:

There is no direct financial impact associated with Resolution 2022-33. Expenses will occur as the individual property acquisitions are settled.

RECOMMENDATION:

Staff recommends that Resolution 2022-33 be recommended for approval by the Board of Mayor and Aldermen.

RESOLUTION 2022-33

A RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO APPROVE AGREEMENTS AND THE USE OF CONDEMNATION, IF NECESSARY, TO ACQUIRE RIGHTS-OF-WAY AND/OR EASEMENTS FOR THE “WEST MAIN STREET BRIDGE WIDENING” (COF PROJECT NO. 2019-013)

WHEREAS, the Board of Mayor and Aldermen of the City of Franklin, Tennessee (the “BOMA”) has determined that the construction of certain improvements within the City limits are necessary, suitable, and desirable for the public welfare; and

WHEREAS, these improvements are generally described as the widening of the West Main Street, also known as State Route 246, bridge over West Main Branch (the “Project”); and

WHEREAS, on August 13, 2019, the BOMA approved Resolution 2019-68 to adopt the project list for the fiscal years 2019 – 2028 Capital Investment Program (“CIP”); and

WHEREAS, the twenty-third (23rd) adopted project listed on Resolution 2019-68 is the “West Main Bridge Widening Project”; and

WHEREAS, it will be necessary, in order to construct said improvements, for the City to obtain additional rights-of-way (“real property”) and easements (“real property interest”) from the owners of the properties listed on the attached Exhibit A; and

WHEREAS, the Board finds that it is in the best interests of the City of Franklin and for efficiency when acquiring rights-of-way and/or easements (“property acquisition”) for the Project to authorize the City Administrator to approve said property acquisition agreements on behalf of the BOMA; and

WHEREAS, the price to be paid for property acquisition shall be established by a qualified appraiser; and

WHEREAS, it has been general practice by the City, and by the Tennessee Department of Transportation (“TDOT”) on which this City practice is based, to allow the staff performing the acquisition negotiations the ability to increase the offer by up to an additional ten percent (10%) or Ten Thousand Dollars (\$10,000.00), whichever amount is greater, in an effort to successfully close the acquisition negotiations; and

WHEREAS, the BOMA expressly finds that the City has the power of eminent domain to extend public roads (see T.C.A. §29-17-301 *et seq.*) and to acquire easements and/or rights-of-way necessary for proper completion of the said improvements, and that the acquisition of such easements and/or rights-of-way is for a public purpose and for a public use, and that the acquisition of the private property hereinafter described is necessary to accomplish said public use.

WHEREAS, the BOMA believes that the removal of certain contracts and purchases from the Board’s agenda provides for more expedient conduct of City business; and

WHEREAS, all property acquisitions shall be reported to the BOMA as items approved by the City Administrator on behalf of the Board.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, TENNESSEE, AS FOLLOWS:

SECTION 1. The City Administrator, the City Engineer, and the City Attorney are authorized to obtain the necessary rights-of-way, permanent easements, and/or temporary easements on and/or across the properties listed in Exhibit A hereto and may enter into agreements with property owners with respect to the compensation to be paid for the said rights-of-way and/or easements, so long as such amounts are reasonable and supported by a qualified appraisal.

SECTION 2. In an effort to avoid the condemnation process and to complete the property acquisition process as efficiently as possible, the City Administrator or his designee is authorized to increase the purchase price offer above appraised value by up to ten percent (10%) or Ten Thousand Dollars (\$10,000), whichever is greater.

SECTION 3. If an in impasse is reached during negotiations with a property owner and condemnation is the only alternative, then the City Attorney is authorized to commence necessary condemnation proceedings. After condemnation proceedings have commenced, the City Administrator, the City Attorney, and the City Engineer are authorized to enter into settlement agreements with property owners with respect to the compensation to be paid for the said rights-of-way and easements, so long as such amounts are reasonable and supported by a qualified appraisal.

SECTION 4. All land acquisitions completed under the authority granted by this resolution shall be reported to the Board of Mayor and Aldermen.

IT IS SO RESOLVED AND DONE on this ____ day of _____, 20____.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
Eric S. Stuckey
City Administrator

By: _____
Dr. Ken Moore
Mayor

Approved as to Form:

By: _____
Shauna R. Billingsley
City Attorney

RESOLUTION 2022-32
EXHIBIT A

TRACT NUMBER	TAX MAP NUMBER	PARCEL NUMBER
3	117	04209
6	117	03012
7	117	03011



File #: 21-03146

DATE: April 14, 2022
TO: Capital Investment Committee
FROM: Paul Holzen, Director of Engineering
Jonathan Marston, Asst. Director of Engineering
David Hodnett, Staff Engineer

SUBJECT:

Consideration Of DRAFT Amendment 1 To COF Contract No. 2019-0233, A Professional Services Agreement With Alfred Benesch & Company For The Final Design Of The Old Peytonsville Road And Long Lane Bridge And Connector Project (COF Project No. 2019-015) At A Cost Increase Of \$103,030.

PURPOSE:

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning Amendment 1 to the Professional Services Agreement (PSA) with Alfred Benesch & Company (Benesch).

BACKGROUND/STAFF COMMENTS:

On September 10, 2019, the BOMA approved a PSA (COF Contract No. 2019-0233) with Benesch. This PSA included the services necessary to provide the final roadway design for the "Old Peytonsville Road and Long Lane Bridge and Connector Project", which was included on the approved project list for the fiscal years (FYs) 2019-2028 Capital Investment Program (CIP) as the "Long Ln and Old Peytonsville Rd Connector". Since the approval of the original PSA, the design team has completed the survey and preliminary roadway plans for the updated project.

During the course of design, a potential issue was discovered with regard to future access at the "new" intersection of Old Peytonsville Road and Long Lane. This "new" intersection would be located just east of I-65 and very near the eastern end of the overpass bridge. The specific issue was the limited amount of space available for a future left-turn lane to be installed, should the property owner on the north side of Long Lane decide to develop their land in the future. Staff contacted the property owner that would be directly affected by this access issue to discuss access options. The property owner confirmed their intention to develop the land at some point in the future, but they did not have firm plans. The intersection *could* be constructed as a traditional 4-way intersection now, but this would likely force any future development in that direct area to modify the "new" street **and bridge** to allow for the construction of a left-turn lane to address traffic heading into the development. Ultimately, the most flexible solution to provide access, without modifying the existing bridge piers that were constructed by TDOT with the I-65 Widening project and without any firm development plans at this time, is to design this "new" intersection as a roundabout from the start. This solution does *not* require the

construction of a left-turn lane, which eliminates the need to modify the existing bridge piers or the future bridge. However, the design of a roundabout was not included in the original scope of services. The designer has already completed the analysis and design to keep the project moving forward, Amendment 1 will allow the designer to invoice for these already completed services.

Also, with recent capital projects, staff has seen a decline in the quality of existing underground utility information provided via the Tennessee 811 one-call notification system. Knowing as much information as possible about existing underground infrastructure is critical during the design phase of projects, as this information allows the project team the opportunity to minimize conflicts and properly design relocated utilities, where needed, *before* the project reaches construction, which is when these issues can cause countless delays and cost overruns. To this point, Amendment 1 proposes to include a Subsurface Utility Engineering (SUE) sub-consultant, who will bring specialized knowledge and equipment to the project site to supplement the information already provided by utilities. The primary piece of equipment utilized will be a ground penetrating radar (GPR), which will allow the project team to determine more accurate location information for the existing underground utilities. This also allows the team to find underground lines or pipes that have been abandoned or lost, which helps eliminate any guessing during the actual construction phase.

FINANCIAL IMPACT:

Design expenses to-date for this project have been paid from the Capital Projects Fund (310). This corresponds to a General Ledger (GL) code of 310-89420-43100. It is anticipated that these additional design expenses from Amendment 1 will continue to be paid from the Capital Projects Fund as well. It is likely that a project this large will consist of multiple sources of funding (e.g. bonds, road impact, general fund, etc.), but the final source(s) of funding will be determined by the Administration and Finance Departments. The total cost of Amendment 1 is \$103,030.00. With the approval of Amendment 1, the ceiling of this PSA (COF Contract No. 2019-0233) for design will become \$688,340.50.

RECOMMENDATION:

Staff recommends that Amendment 1 to COF Contract No. 2019-0233 be recommended for approval by the Board of Mayor and Aldermen.

**AMENDMENT NO. 1 TO
PROFESSIONAL SERVICES AGREEMENT
FOR FINAL DESIGN OF OLD PEYTONSVILLE ROAD & LONG LANE
BRIDGE & CONNECTOR PROJECT
COF Contract No. 2019-0233**

THIS AMENDMENT is made and entered into on this the ____ day of _____ 20____, by and between the **City of Franklin, Tennessee** ("City") and **Alfred Benesch and Company** ("Consultant").

WITNESSETH:

WHEREAS, on September 10, 2019, the City and the Consultant entered into a Professional Services Agreement ("Agreement") entitled **Final Design of Old Peytons ville Road & Long Lane Bridge and Connector Project**; and

WHEREAS, said Agreement stipulated that the Consultant would be paid a Fee Not-to-Exceed Five Hundred Eighty-Five Thousand Three Hundred Ten and 50/100 Dollars (\$585,310.50) to provide survey, engineering, and related technical services, as detailed in the Scope of Services; and

WHEREAS, the project team has identified two (2) additional design services, Subsurface Utility Engineering ("SUE") and roundabout design, that were not included in the original Agreement but are necessary to ensure a successful final project; and

WHEREAS, the Consultant has provided a Proposal ("Attachment A"), dated April 12, 2022, to provide the additional services requested by the City at a cost increase of **One Hundred Three Thousand Thirty and No/100 Dollars (\$103,030.00)**; and

WHEREAS, the City has reviewed the Proposal and desires to enter into an Amendment to the Agreement for the Project as proposed.

NOW, THEREFORE, in consideration of these premises and the mutual promises contained herein, it is agreed by and between the parties as follows:

1. The foregoing recitals are incorporated by reference as if fully stated herein.
2. Consultant's Responsibilities and Duties. The Consultant agrees to perform the work as proposed in Attachment A, dated September 10, 2019, which includes the Scope of Services for this Amendment, all of which shall be considered as an integral part hereof.
3. City's Responsibilities and Duties. The City shall pay the Consultant for the cost of the work as described in Attachment A in the amount of **One Hundred Three Thousand Thirty and No/100 Dollars (\$103,030.00)**.

The City reserves the right to issue any payments jointly to the Consultant and Sub-Consultant when the City receives information that the Consultant has not paid its Sub-Consultant.

4. Waiver. Neither party's failure nor delay to exercise any of its rights or powers under this Amendment will constitute or be deemed a waiver or forfeiture of those rights or powers. For a waiver of a right or power to be effective, it must be in writing signed by the waiving party.

An effective waiver of a right or power shall not be construed as either (a) a future or continuing waiver of that same right or power, or (b) the waiver of any other right or power.

5. Severability. If any term or provision of the Amendment is held to be illegal or unenforceable, the validity or enforceability of the remainder of the Amendment will not be affected.

6. Precedence. In the event of conflict between this Amendment and the provisions of the previous Agreement(s), or any other contract, agreement or other document to which this Amendment may accompany or incorporate by reference, the provisions of this Amendment will, to the extent of such conflict (or to the extent the Agreement is silent), take precedence unless such document expressly states that it is amending this Amendment.

7. Entire Agreement. The Amendment between the parties supersedes any prior or contemporaneous communications, representations or agreements between the parties, whether oral or written, regarding the subject matter of the entire Amendment. The terms and conditions of this Amendment may not be changed except by an amendment expressly referencing this Amendment by section number and signed by an authorized representative of each party.

8. Additions/Modifications. If seeking any addition or modification to the Amendment, the parties agree to reference the specific paragraph number sought to be changed on any future document or purchase order issued in furtherance of the Amendment, however, an omission of the reference to same shall not affect its applicability. In no event shall either party be bound by any terms contained in any purchase order, acknowledgement, or other writings unless: (a) such purchase order, acknowledgement, or other writings specifically refer to the Amendment or to the specific clause they are intended to modify; (b) clearly indicate the intention of both parties to override and modify the Amendment; and (c) such purchase order, acknowledgement, or other writings are signed, with specific material clauses separately initialed, by authorized representatives of both parties.

9. Breach. Upon deliberate breach of the Amendment by either party, the non-breaching party shall be entitled to terminate the Amendment without notice, with all of the remedies it would have in the event of termination, and may also have such other remedies as it may be entitled to in law or in equity.

10. Survival. This Amendment shall survive the completion of or any termination of the original contract, revised contract, or agreement or other document to which it may accompany or incorporate by reference.

All other provisions of the Agreement, dated September 10, 2019, are unchanged and remain in full force and effect.

IN WITNESS WHEREOF, the parties have executed this Amendment.

THE CITY OF FRANKLIN, TENNESSEE:

ALFRED BENESCH & COMPANY

(Signature)

(Signature)

Name: Dr. Ken Moore

Name: _____

Title: Mayor

Title: _____

Date: _____

Date: _____

Attest:

(Signature)

Eric S. Stuckey
City Administrator

Date: _____

Approved as to Form:

Maricruz R. Fincher, Staff Attorney



Alfred Benesch & Company
574 Franklin Road, Suite 300
Franklin, TN 37069
www.benesch.com
P 615-370-6079
F 615-627-4066

April 12, 2022

Mr. Paul Holzen, PE
City of Franklin
109 Third Avenue South, Suite 142
Franklin, TN 37064

RE: Supplemental Scope and Man-day Estimate to Provide Engineering Services
Long Lane over I-65
Franklin, TN

Dear Mr. Holzen:

As requested, we have completed a scope and man-day estimate to identify items that were added to the project outside the original scope of services. We appreciate the opportunity to submit this information for your review. The additional scope of work items are detailed as follows:

1. Subsurface Utility Engineering (SUE) Services
 - a. Approximately 24,850 LF of Level B SUE work
 - b. Traffic Control for field work
 - c. Survey and CADD drafting of marked utilities
 - d. QC/QA
2. Roundabout Design Services
 - a. Additional design services for a proposed roundabout intersection at Long Lane and Long Lane Connector including:
 - i. Roundabout Intersection layout
 - ii. Revised horizontal and vertical geometry
 - iii. Revisions to drainage layout
 - iv. Revisions to pavement markings and signage
 - v. QC/QA

Based on the above scope of additional services the total supplement amount is as follows:

Item 1	Cost Plus	\$ 58,230.00
Item 2	Lump Sum	\$ 44,800.00
	Total	\$ 103,030.00

If you have any questions or need additional information, please let me know.

Sincerely,

A handwritten signature in blue ink, appearing to read "Sammie McCoy".

Sammie McCoy, PE
Vice President



April 12, 2022

Brian Ralstin, PE

Project Manager | Associate

Alfred Benesch & Company

574 Franklin Road, Suite 300

Franklin, TN 37069

RE: Proposal for SUE Services, Scope and Fee for Long Lane, Franklin, TN

Dear Brian:

As you requested, we are providing the following Scope and updated Fee for the Long Lane project in Franklin, TN. Additional information is provided as requested by the City of Franklin.

Scope

V&M is providing cost-saving Subsurface Utility Engineering (SUE) services, which provide thorough underground utility location mapping to aid in project planning, as well as preventing unexpected surprises during construction. This will help significantly reduce change orders, construction delays, work zone incidents and interruptions to utility service. We do not anticipate additional permitting or cost associated with completing SUE work for facilities identified. We propose to perform approximately 24,850 Linear Feet of Level B SUE work. We will attempt to trace any utilities for which there are structures visible from the work area. For other underground utilities not visible, we intend to identify them using, among other devices, GPR, metal detectors, conductive locators, traceable rodders, vacuum excavators and CCTV as needed. The underground utilities will be marked on the surface using paint, flags, or other appropriate means. It is understood the City of Franklin will provide drawings and notify V&M of any utilities known to be entering the work area for which there are no apparent surface features or structures that are visible from the work area. The deliverables will consist of a DGN file showing the locations of the highlighted utilities. The duration of the work is anticipated to be around three weeks and we will be able to start work within two weeks of receiving the NTP. We will manage traffic control internally and meet all MUTCD guidelines. This price is included in the current fee. Also, an additional week is needed in the office to process and draft the deliverables.

Fee

Not to exceed \$58,230.00

Our billing for SUE work on the Long Lane project will consist of the following:

- The Level 'B' SUE field work will be billed at \$1.90/LF and \$1,080.00 per Level 'A' pothole, if needed.
- Hourly billing for processing field data and QA/QC, per V&M rate sheet.
- All other incidental costs (per diem, lodging, travel, printing, etc.) shall be included in the total fee.

Please let me know if you have any questions or concerns.

Sincerely,

Vaughn & Melton Consulting Engineers, Inc.

A handwritten signature in blue ink that reads 'Pete Falkenberg'. The signature is written in a cursive, flowing style.

Pete Falkenberg, PE

Nashville Office Leader



Vaughn & Melton, (V&M) will provide professional engineering services at an hourly rate for each classification as follows:

<u>Job Classification</u>	<u>Hourly Rate</u>
Principal	\$225.00
Senior Project Manager II	200.00
Senior Project Manager I	175.00
Project Manager II	155.00
Project Manager I	135.00
Senior Licensed Design Professional	165.00
Licensed Professional II	140.00
Licensed Professional I	120.00
Construction Engineer II	125.00
Construction Engineer I	105.00
Graduate Engineer (EIT)	100.00
Senior Designer II	150.00
Senior Designer I	120.00
Senior Environmental Scientist	120.00
Environmental Scientist	100.00
CADD Technician IV	100.00
CADD Technician III	85.00
CADD Technician II	70.00
CADD Technician I	55.00
CEI Technician IV	115.00
CEI Technician III	100.00
CEI Technician II	85.00
CEI Technician I	65.00
Clerical Administration II	70.00
Clerical Administration I	60.00
ROW Agent III	130.00
ROW Agent II	100.00
ROW Agent I	90.00
Survey Party (4-Man)	215.00
Survey Party (3-Man or 2-man w/Robotic or GPS)	185.00
Survey Party (2-man)	130.00
Survey Party (1-man w/Robotic or GPS)	100.00
Conductive Locator (1-Man)	90.00
Ground Penetrating Radar (1-Man)	125.00
Vacuum Excavation (2-Man)	265.00

The above rates would be full compensation, including fringe benefits and overhead items for each hour worked by an employee; except the following expenses properly chargeable to the project, which would be reimbursed at cost:

- (1) Printing, reproduction, photography or special material for said project.
- (2) Travel by 4X4 at \$0.75 per mile. Travel by 4X2 at \$0.535 per mile.
- (3) Travel and living expenses for all personnel when required to be away from Knoxville in connection with work
- (4) Other consultant fees as approved by the Owner (or his Agent).

V&M will furnish, at the request of the Owner, monthly time sheets and an hourly breakdown for each employee working on said project with V&M's monthly invoice. The invoice and time sheets would be certified that the employee's worked the hours shown, at the classification designated.

Effective May 1, 2021

Vaughn & Melton's Current SUE Equipment and Software

Robotic Total Stations Trimble VX (1) Trimble S6 (2) Trimble S7 (2) Trimble S8 (2)	Metal Detectors DML 2000-XR (4) Subsurface ML-1M (3) Schostedt GA-52CX (3)	Echosounder HydroLite-BTX Echosounder Serial Number SMIL070218
Total Stations Nikon Nivo 1-C (2) Nikon NPL-522 (1)	GPS Survey Equipment Trimble RIO (8)	PCs Trimble Tablet Rugged PC SN: T71SY-1724-018744
Data Collectors Trimble TSCIII (15) TDS Rangers (5)	Ground Penetrating Radar (GPR) Mala XM with 250 & 500 MHZ Antenna (1) Mala HDR Pro (5)	Current Software AutoCAD Civil 3D 2018 (20 seats) Open Roads Microstation (46 seats) Geopack V8i (22 seats) ArcGis Desktop (All Versions: Arcview, ArcEditor, ArcInfo) ESRI 3D Analyst, Spatial Analyst - ArcGis Mobile Trimble Business Center (5) ArcPad - ArcGis Server - Trimble Pathfinder Office Carlson Survey Power Line Systems, PLS-CADD/ Survey (2 seats) Magnet Tools Version 2.5 Topcon Tools Version 8.2.3
Digital Levels 3 Trimble DINI (0.3) With Invar Rod (2)	Utility Locator RD 8000 PDL Receivers w/ILOC (4) Ditch Witch Model 9507T (1)	
Differential Levels Nikon AS-2 (1) Leica/Wild NA1 (1)	Vacuum Excavator VACMASTER 4000 (1) VACMASTER 1000 (1)	
High Density Laser Scanning Trimble SX10 Scanning Total Station (1) SN: 30410521	CCTV P350 Mainline Crawler System (2)	

SUBSURFACE UTILITY ENGINEERING: V&M has the team and the equipment to handle all levels of SUE to locate existing utilities for conflict mitigation.

- ✓ Quality Level D. QL-D is the most basic level of information for utility locations. It comes solely from existing utility records or verbal recollections, both typically unreliable sources.
- ✓ Quality Level C. QL-C is probably the most commonly used level of information. It involves surveying visible utility facilities (e.g., utility holes, valve boxes) and correlating this information with existing utility records (QL-D information).
- ✓ Quality Level B. QL-B involves applying appropriate surface geophysical methods to determine the existence and horizontal position of virtually all utilities within the project limits. This activity is called "designating."
- ✓ Quality Level A. QL-A, also known as "locating," is the highest level of accuracy presently available and involves the full use of the subsurface utility engineering services. It provides information for the precise plan and profiles mapping of underground utilities through the nondestructive exposure of underground utilities. Also, it gives the type, size, condition, material, and other characteristics of subsurface features.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PREL.	2020	COF# 2019-0233	4

Attachment A for Amendment 1 to COF Contract No. 2019-0233

COORDINATE VALUES ARE NAD 83 UNITS IN FEET. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL.

PRELIMINARY
PLANS

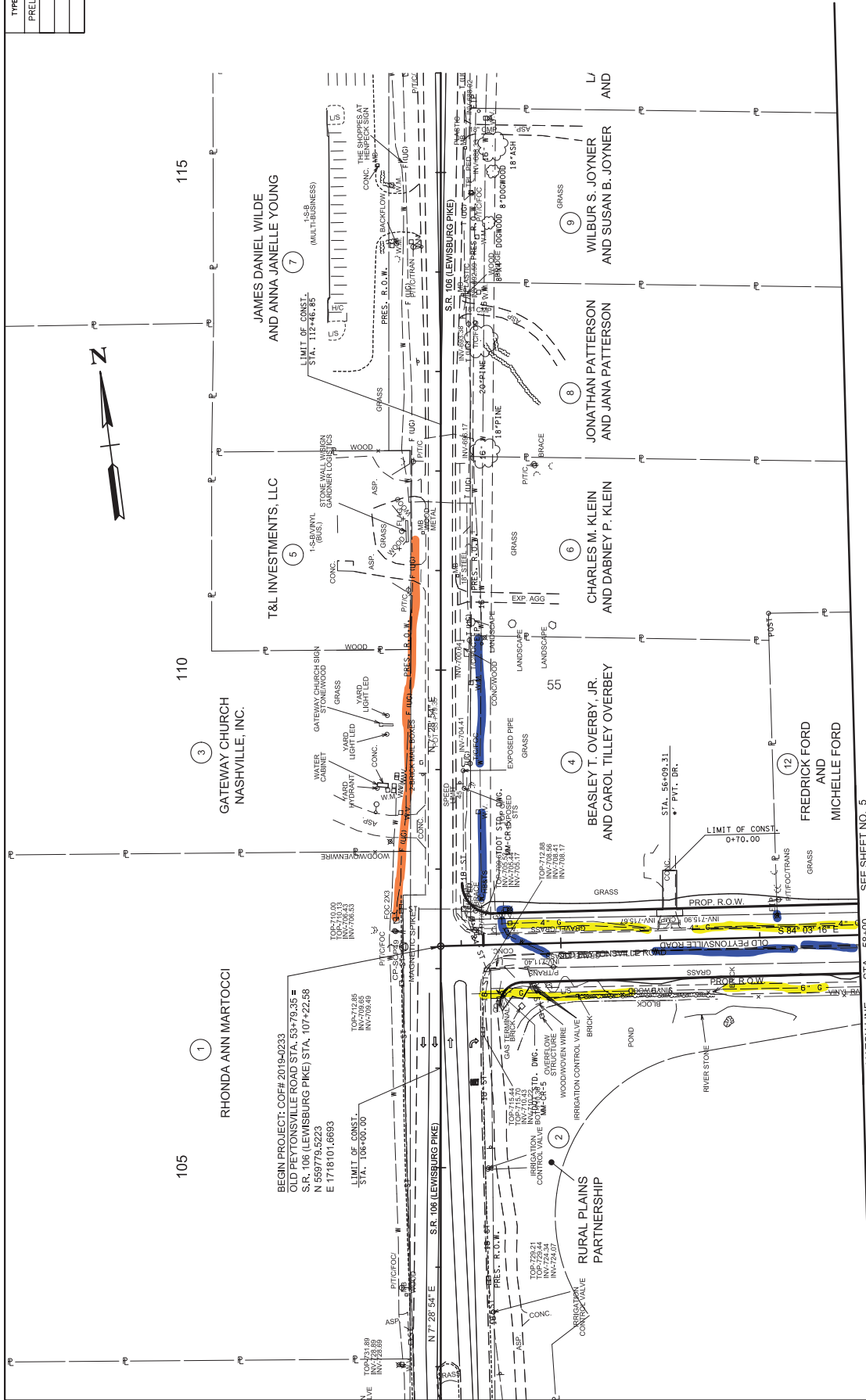


HISTORIC
FRANKLIN
TENNESSEE

CITY OF FRANKLIN
ENGINEERING DEPARTMENT

PRESENT
LAYOUT

P.O.B. TO STA. 58+00
SCALE: 1"= 50'



TYPE	YEAR	PROJECT NO.	SHEET NO.
PREL.	2020	COF # 2019-0233	5

Attachment A for Amendment 1 to COF Contract No. 2019-0233

COORDINATE VALUES ARE NAD 83 UNITS OF FEET. ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOID 03 MODEL.

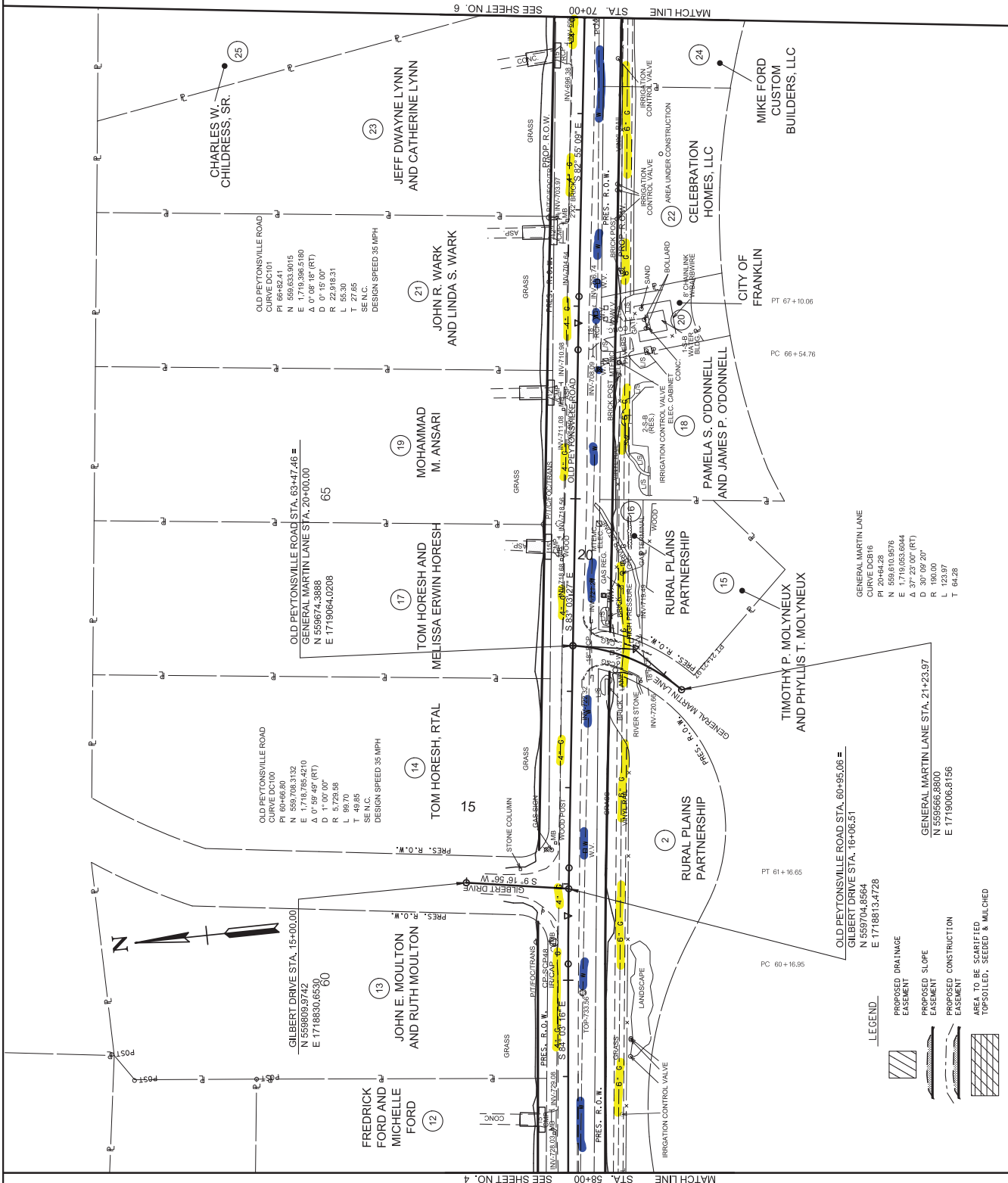
PRELIMINARY PLANS



CITY OF FRANKLIN
ENGINEERING DEPARTMENT

PRESENT LAYOUT

STA. 58+00 TO STA. 70+00
SCALE: 1" = 50'



TYPE	YEAR	PROJECT NO.	SHEET NO.
PREL.	2020	COF # 2019-0233	6

Attachment A for Amendment 1 to COF Contract No. 2019-0233

COORDINATE VALUES ARE NAD 83 UNITS. ALL VALUES ARE ADJUSTED BY THE FACTOR OF 0.000014, AND TIED TO TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988 USING THE GEOD 03 MODEL.

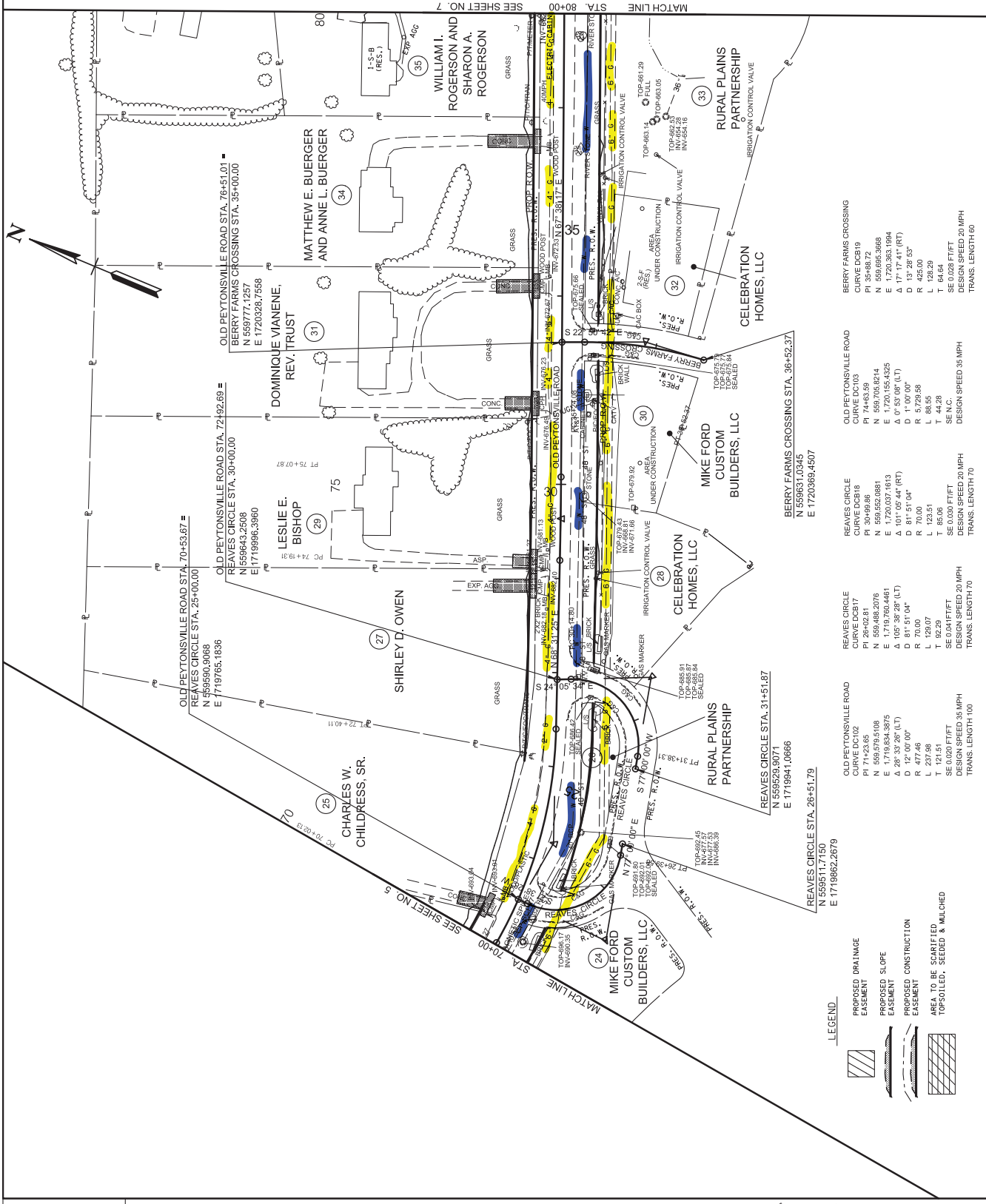
PRELIMINARY PLANS



CITY OF FRANKLIN
ENGINEERING DEPARTMENT

PRESENT LAYOUT

STA. 70+00 TO STA. 80+00
SCALE: 1"= 50'



LEGEND

- PROPOSED DRAINAGE EASEMENT
- PROPOSED SLOPE EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- AREA TO BE SCARIFIED, TOP-SOILED, SEEDED & MULCHED

OLD PEYTONSVILLE ROAD CURVE DCB17 PI 71+23.85 N 25+02.81 E 1719.834.8975 Δ 28° 33' 26" (LT) D 12' 00" 00" R 477.46 L 237.98 T 121.51 SE 0.000 FT/FT DESIGN SPEED 35 MPH TRANS. LENGTH 100	REAVES CIRCLE CURVE DCB17 PI 30+99.86 N 559.555.0681 E 1720.158.4325 Δ 0° 53' 08" (LT) D 1' 00" 00" R 70.00 L 123.07 T 85.06 SE 0.000 FT/FT DESIGN SPEED 20 MPH TRANS. LENGTH 70	REAVES CIRCLE CURVE DCB18 PI 30+99.86 N 559.555.0681 E 1720.158.4325 Δ 0° 53' 08" (LT) D 1' 00" 00" R 70.00 L 123.51 T 85.06 SE 0.000 FT/FT DESIGN SPEED 20 MPH TRANS. LENGTH 70	OLD PEYTONSVILLE ROAD CURVE DCB19 PI 35+88.72 N 559.895.3688 E 1720.158.4325 Δ 17° 17' 41" (RT) D 13' 28' 53" R 425.00 L 128.29 T 64.64 SE 0.028 FT/FT DESIGN SPEED 20 MPH TRANS. LENGTH 60
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City of Franklin Capital Projects Dashboard

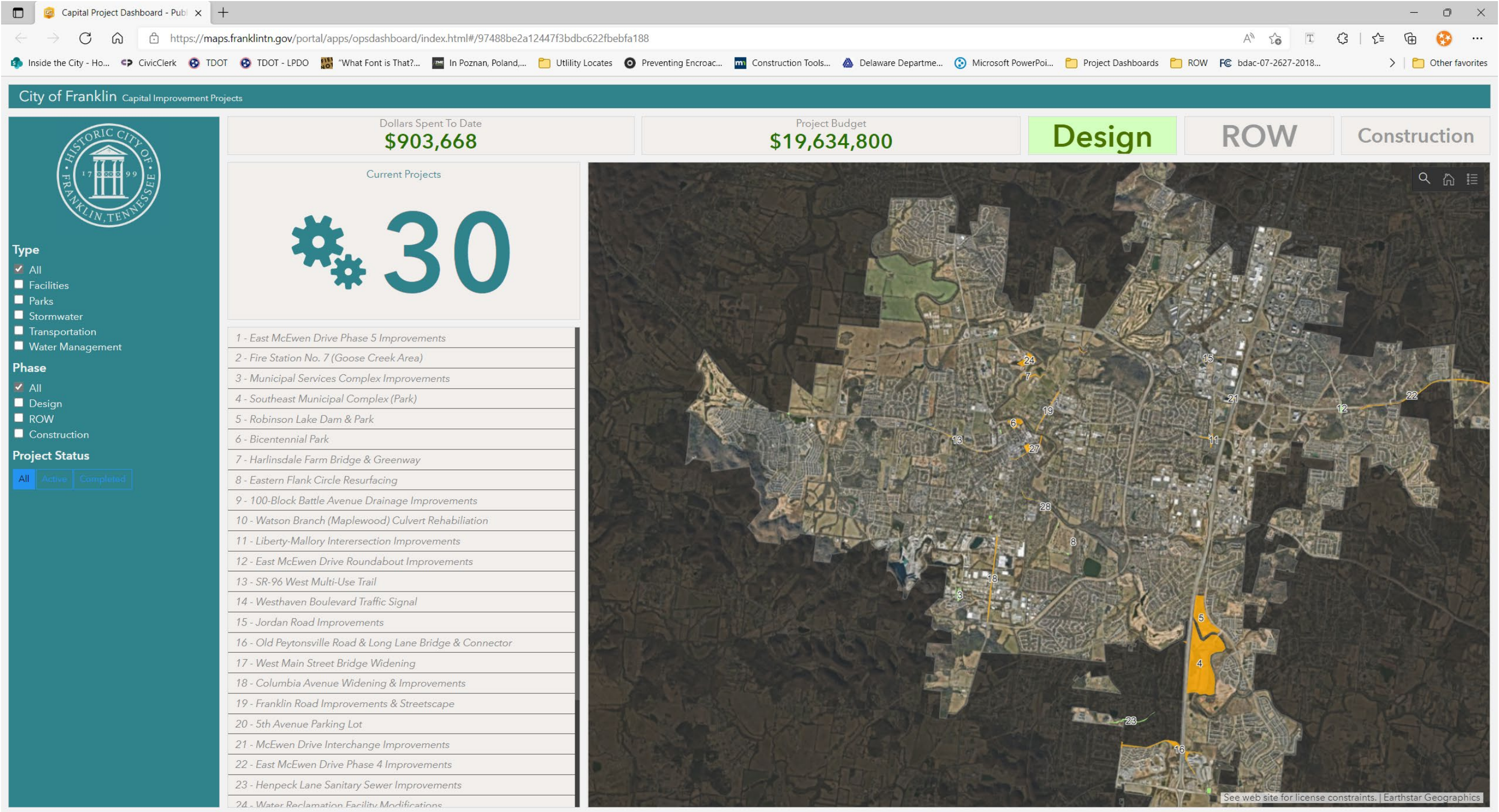


Image Captured from City of Franklin Website on 4/14/2022

Go to www.franklintn.gov >> Hover over “Our City” >> Click on “City Projects” >> Click on “Capital Projects Dashboard”

OR

Go to www.franklintn.gov >> Hover over “Business” >> Click on “City Projects” >> Click on “Capital Projects Dashboard”